

3M™ Water Filtration Products

Foodservice Product Portfolio

2013 Pricing

Effective January 1, 2013



NOTES

Our Story

3M is fundamentally a science-based company. We produce thousands of imaginative products, and we're a leader in scores of markets - from health care and highway safety to office products and abrasives and adhesives. Our success begins with our ability to apply our technologies - often in combination - to an endless array of real-world customer needs. Of course, all of this is made possible by the people of 3M and their singular commitment to make life easier and better for people around the world.

3M Purification Inc. is committed to providing our customers with the highest levels of performance and satisfaction. 3M Purification has long been regarded as the industry leader in the design, manufacturing and marketing of water filtration products that help to provide solutions for today's ever changing water quality concerns. 3M Purification continues the dedication to maintaining and improving on those core competencies customers around the globe have been accustomed to.

3M Purification Inc. (3M Purification) is meeting the needs of the foodservice industry. Under the High Flow Series umbrella, scale inhibitors used in the ICE Series and Brew Series products help to control the precipitation of the carbonates as hard lime scale. These products make up 56% of the High Flow Series systems and can be used to support LEED® (The leadership in Energy and Environmental Design) certification. LEED is a nationally accepted benchmark for design, construction, and operation of high performance green buildings.

3M Company's long standing commitment to sustainable development through environmental protection, social responsibility and economic progress has resulted in some of the following achievements:

2005 U.S EPA Climate Protection Award

2006 U.S EPA Clean Air Excellence Award

2005-2011 Energy Star Sustained Excellence Award for Eight consecutive years

2009 member of United States Green Building Council (USGBC)

2011 Interbrand ranked 3M #2 on its list of 2011 Best Global Green brands

- 98% reduction in organic volatile air emissions (1990 - 2011)
- 40% reduction in water use indexed to net sales (2005 - 2011)
- 72% reduction in absolute greenhouse gas emissions (1990 - 2010)
- 68% reduction in waste indexed to net sales (1990 - 2011)
- 59% reduction in energy efficiency (2000 - 2011)

3M is committed to providing innovative, cost-effective products that help protect people, equipment and our environment.

Featured Benefit

3M™ Water Filtration Products, Filter Monitor

Located within the literature sleeve of most 3M™ Water Filtration Products, this small yet effective monitor promotes cartridge replacement to help with proper product performance and maintenance. Simply follow the monitor's instructions and adhere it to the cartridge. It's that simple!

- Visible display indicates when cartridge needs to be replaced
- Promotes consistent Recipe Quality Water™
- Easy to use



Dealer Network

Foodservice Products Certification Training

3M Purification Inc. offers educational classes designed to provide the tools necessary to recommend, size, install, and service water filtration and water treatment products in the foodservice environment.

The 3M Purification Certification Program consists of four levels. This is a sequential program, requiring completion of each level in succession.

Certification Level 1

Covers simple water chemistry, typical water-related problems, the basics of water filtration, and the application and sizing of filters in foodservice applications.



Certification Level 2

Teaches Point of Use (POU) water softening and scale reduction technology for foodservice applications.



Certification Level 3

Teaches the specifics of reverse osmosis systems.



Certification Level 4

Concentrates on Point of Entry (POE) water treatment fundamentals; focusing on automatic backwashing filters and water softeners.



3M Purification Inc. invites you to join the growing network of Certified Foodservice Dealers. Contact your local 3M Purification Inc. distributor or Regional Manager for details on how to get involved with this program.

Water Testing



3M Purification, manufacturer of 3M™ Water Filtration Products for commercial foodservice applications, is *currently offering free sample test kit.*

3M Purification Inc. now offers Free Water Testing.

Visit www.3mfoodservice.com and click on the Free Water Test Kit link to request a kit. Two kit options are available. One is a self-test kit and the other is a lab kit. The self-test kit accommodates on-site water testing and gives immediate test results. The lab kit requires that a water sample be taken and sent back to the 3M analytical lab in Meriden, CT for analysis. In either case, after the water is tested, you will receive a no-obligation product recommendation by one of our water experts.

Click Here for your **FREE**
Water Sample Test Kit.
(U.S. ONLY)

Offer Subject to change without notice



- Click on the **FREE Water Sample Test Kit link (Sorry, test kits only offered in the continental U.S. ONLY)**
- Sign up and register if first time user
- Request a kit. It is that easy!

Water Filtration Technology



With revolutionary Integrated Membrane Pre-Activated Carbon Technology, (“I.M.P.A.C.T.”) media for superior throughput and cartridge life, the 3M™ Water Filtration Products High Flow Series of commercial foodservice products offers simple, effective and easy-to-install solutions that meet the volume, water clarity and maintenance expectations of restaurant owners, chain, fast food and convenience store operators, supermarkets, cafeterias, and institutions.

For cold beverages, brewed beverages, ice and specialty beverages, or any combination of applications, 3M Purification has options for you that include cyst and bacteria-reduction, as well as filters specially constructed for higher turbidity waters.



The High Flow Series Provides

Economy	- Single-cartridge flow rates and capacities previously available only with three- or four-cartridge systems. - Up to 12 month cartridge life for cartridges with Integrated Membrane Pre-Activated Carbon Technology (“I.M.P.A.C.T.”) media. - Multi-stage filtration reduces the need for a separate prefilter.
Ease	- Fast and easy cartridge change-outs with SQC — Sanitary Quick Change — encapsulated cartridge design. - No requirement for pre-activation of the media. - Direct or easily-adaptable connections to existing plumbing lines with NPT horizontal inlet and outlet ports.
Certification	- FDA CFR-21 and/or NSF Standard 42 compliant materials. - Certification to NSF Standard 53 for cyst reduction.
Performance	- Recipe Quality Water™ for all commercial foodservice applications, including cold beverages, ice and all brewed beverages. - Reduction of 99.99 percent of water-borne bacteria* when using Enhanced Integrated Membrane Pre-Activated Carbon Technology (“I.M.P.A.C.T.”) media. - No exposure to contaminated media. - Combined sediment, cyst, water-borne bacteria and scale reduction with chlorine taste and odor reduction in a single cartridge from our innovative Enhanced Integrated Membrane Pre-Activated Carbon Technology (“I.M.P.A.C.T.”) media. - Reduction of sediment and abrasive hard particles helps to extend the life of pumps, valves, o-rings, and seals. - Compact manifold systems to simultaneously service multiple applications.

* As tested with *E.coli* ATCC (11229). Tested and verified by manufacturer’s laboratory.

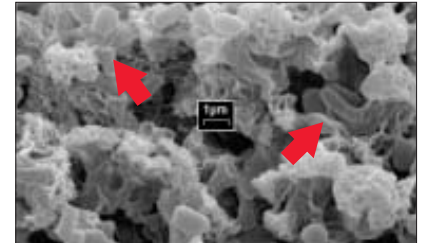
Water Filtration Technology



3M™ Water Filtration Products High Flow Series uses revolutionary **Integrated Membrane Pre-Activated Carbon Technology** (“I.M.P.A.C.T.”) for superior cartridge life and economy. A single filter can accomplish what was previously the job of a three- or four-cartridge system.

The **Integrated Membrane Pre-Activated Carbon Technology** (“I.M.P.A.C.T.”) media package combines a pharmaceutical-grade microporous membrane and a pre-activated carbon block in a single cartridge to dramatically reduce pressure drop and practically eliminate the need for pre-filtration. The integrated membrane provides superior sediment holding capabilities while reducing *Cryptosporidium* and *Giardia* cysts¹ and over 99.99 percent of all water-borne bacteria.² Pre-activation of the carbon media is not required.

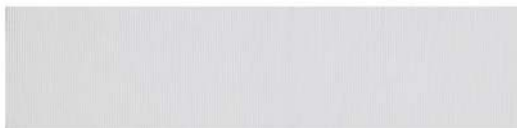
Over 99.99% of *E.coli* bacteria are reduced by the nylon pharmaceutical-grade membrane.



Reduce scale formation, cysts, bacteria, sediment, and chlorine taste and odor with convenience and superior performance. Stop wasting time and money on messy sump systems. A single HF90 cartridge delivers over 864,000 8-oz cups of coffee, 432,000 16-oz soft drinks (in a 22-oz cup), or 216,000 pounds of ice (25 gallons at 100 lbs of ice) at a flow of up to 5 gallons per minute (gpm), providing Recipe Quality Water™ while reducing filtration costs.

Two-Zone Membrane

Large particles are captured in the top zone and smaller particles in the bottom zone of the graded density microporous nylon membrane, providing superior cartridge sediment-holding capacity.



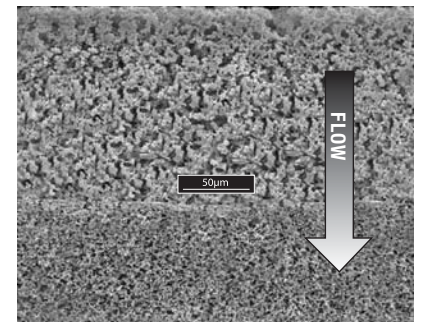
Enhanced High Flow HF90 Cartridge Bacteria Membrane



Competitor

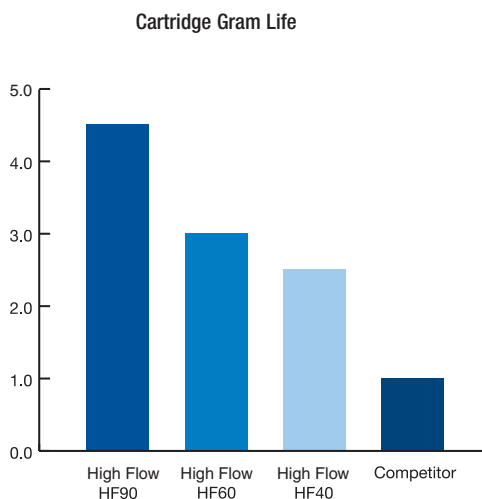
Surface Area

Enhanced High Flow cartridges with **Integrated Membrane Pre-Activated Carbon Technology** (“I.M.P.A.C.T.”) have nearly 6 times the surface area for improved sediment filtration, reduced pressure drop and longer cartridge life than competitive pre-coat cartridges.



Cartridge Throughput

High Flow cyst style cartridges with **Integrated Membrane Pre-Activated Carbon Technology** (“I.M.P.A.C.T.”) show higher throughputs and longer lifetimes. In side-to-side tests conducted with a surrogate plugging agent to a 25% loss in flow rate, a single HF90 cartridge averaged over 4.5 times the sediment holding capacity of competitive pre-coat cartridges.



¹ NSF Standard 53

² As tested with *E.coli* ATCC (11229).

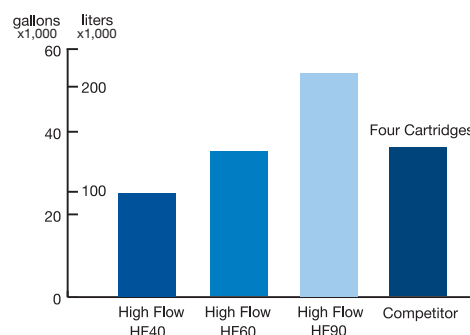
Water Filtration Technology

Chlorine Capacities

The high chlorine taste and odor reduction capacities* for High Flow cartridge filters with **Integrated Membrane Pre-Activated Carbon Technology** (“I.M.P.A.C.T.”) allows a single HF90 cartridge outperforms a four-cartridge competitive system**.

* at an average of 96+% reduction

** 4 competitive pre-coat cartridges each with 9,000 Gal. (34,000 Lit.) chlorine taste and odor reduction capacity



Nylon-Membrane Bacterial Reduction

Bacteria	Percent Reduction Achieved
<i>E.coli</i>	>99.9989
<i>P.fluorescens</i>	>99.9999

Testing results for cartridge filters with ten (10) square feet (0.93 square meters) of pleated 3M™ Water Filtration Products High Flow Series nylon membrane challenged with ten (10) liters of water containing organisms at $>10^5$ cfu/ml.

Cartridge Cutaway

- 1 Polypropylene housing.
- 2 Enhanced media with pleated membrane design helps provide cyst and bacteria protection and superior sediment holding capabilities with minimal pressure drop.
- 3 Carbon block technology has more than four times the chlorine taste and odor reduction capacity of competitive pre-coat filters. Bacteriostatic and bacteria inhibition agent included for improved hygiene.
- 4 Enhanced pleated membrane has six (6) times the surface area of competitor (see Surface Area diagram on page 7).
- 5 Enhanced cartridges feature a 5 micron pre-filter wrap.



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Visit www.nsf.org for the
claims associated with
products that are NSF listed.

Many ice machine equipment failures are water-related.

Ice is composed of 100% water.

Scale build-up on evaporator plates can significantly increase maintenance costs

Excess sediment particles can clog distribution tubes and solenoid valves

The Challenge:

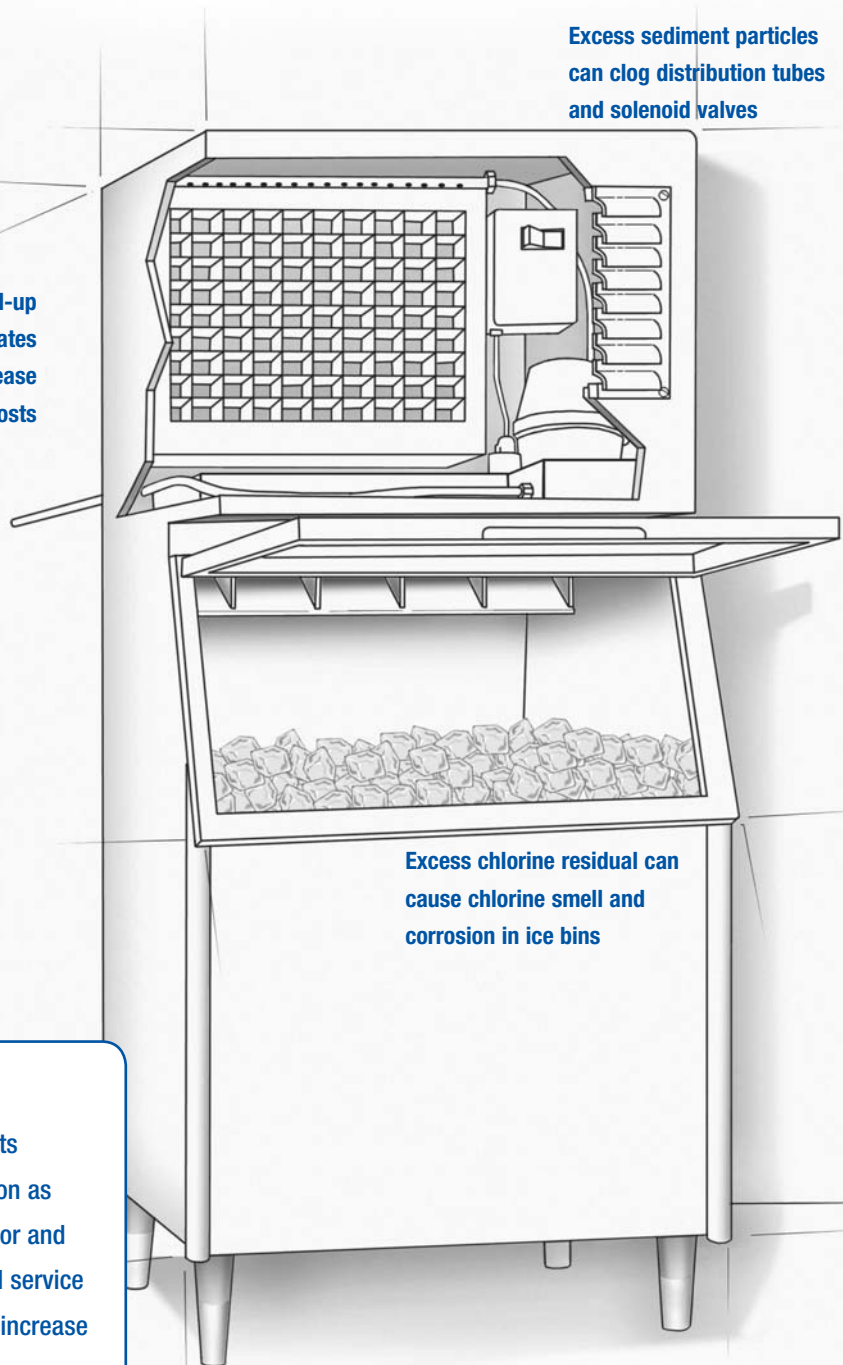
Reducing scale build-up on evaporator plates, corrosion of metallic components, and clogging of distribution nozzles and solenoid valves.

The Solution:

3M™ Water Filtration Products provide built-in scale inhibition as well as chlorine taste and odor and sediment reduction. Reduced service calls and reduced downtime increase bottom line profitability.

3M™ Water Filtration Products

Designed to reduce unscheduled service calls associated with corrosion, sediment and scale build-up in commercial cubers and flakers.



ICE

ICE120 Series Valve-in-Head Filter System



For commercial cubers up to 750 lbs. (340.2kg.) and commercial flakers up to 1,200 lbs. (544.3 kg.)

Model No.	Part No. / 3M ID#	Micron	Flow Rate	Capacity	Repl't Ctg	Reduction Claims / Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC	Price/Ea.
ICE120-S	5616003	0.5	1.5 gpm (5.7 lpm)	9,000 gals. (34,069 lit.)	HF20-S 5615103	Sediment, chlorine taste & odor, cyst ¹ , scale	19 lbs (8.6 kg.)	6	\$306.79
	70020128388				70020020569	00016145801181		10016145901185	
ICE125-S	5616004	1.0	1.5 gpm (5.7 lpm)	10,000 gals. (37,854 lit.)	HF25-S 5615203	Sediment, chlorine taste & odor, scale	19 lbs (8.6 kg.)	6	\$304.64
	70020128396				70020020627	00016145801198		10016145901192	

Connections: 3/8" FNPT. Product Dimensions: 17" H x 4-1/2" D. (43.2 cm x 11.4 cm.)

Shipping Dimensions: 15-1/4" x 10-1/2" x 23-1/4". (38.7 cm. x 26.7 cm. x 59.1 cm.) Cubic Feet: 2.2

ICE140 Series Valve-in-Head Filter System



For commercial cubers up to 1,000 lbs. (453.6 kg.) and commercial flakers up to 1,800 lbs. (816.5 kg.)

Model No.	Part No. / 3M ID#	Micron	Flow Rate	Capacity	Repl't Ctg	Reduction Claims / Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC	Price/Ea.
ICE140-S	5616203	0.2	2.1 gpm (7.9 lpm)	25,000 gals. (94,635 lit.)	HF40-S 5613305	Bacteria ² , bacteriostatic, sediment, chlorine taste & odor, cyst ¹ , scale	8.9 lbs (4.0 kg.)	2	\$407.81
	70020144054				70020121417	00016145801204		10016145901208	
ICE145-S	5616204	3.0	2.1 gpm (7.9 lpm)	25,000 gals. (94,635 lit.)	HF45-S 5613309	Sediment, chlorine taste & odor, scale	8.9 lbs (4.0 kg.)	2	\$398.14
	70020044387				70020121425	00016145801235		10016145901239	

Connections: 3/8" FNPT. Product Dimensions: 14-7/8" H x 5-1/16" D. (37.8 cm. x 12.9 cm.)

Shipping Dimensions: 10-1/2" x 5-1/2" x 23-1/4". (26.7 cm. x 14 cm. x 59.1 cm.) Cubic Feet: 0.8

ICE160 Series Filter System with Shut-off Valve



For commercial cubers up to 1,450 lbs. (657.7 kg.) and commercial flakers up to 2,400 lbs. (1088.6 kg.)

Model No.	Part No. / 3M ID#	Micron	Flow Rate	Capacity	Repl't Ctg	Reduction Claims / Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC	Price/Ea.
ICE160-S	5616303	0.2	3.34 gpm (12.6 lpm)	35,000 gals. (132,489 lit.)	HF60-S 5613405	Bacteria ² , bacteriostatic, sediment, chlorine taste & odor, cyst ¹ , scale	4.1 lbs. (1.9 kg.)	1	\$471.17
	70020044403				70020116706	00016145801211		10016145901215	
ICE165-S	5616304	3.0	3.34 gpm (12.6 lpm)	35,000 gals. (132,489 lit.)	HF65-S 5613409	Sediment, chlorine taste & odor, scale	4.1 lbs. (1.9 kg.)	1	\$459.45
	70020144062				70020020130	00016145801242		10016145901246	

Connections: 1/2" FNPT. Product Dimensions: 17-5/8" H x 5" D. (44.8 cm. x 12.7 cm.)

Shipping Dimensions: 22" x 4-7/8" x 4-7/8" (55.9 cm. x 12.4 cm. x 12.4 cm.) Cubic Feet: 0.3

ICE190 Series Filter System with Shut-off Valve



For commercial cubers over 1,450 lbs. (657.7 kg.) and commercial flakers over 2,400 lbs. (1,088.6 kg.)

Model No.	Part No. / 3M ID#	Micron	Flow Rate	Capacity	Repl't Ctg	Reduction Claims / Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC	Price/Ea.
ICE190-S	5616403	0.2	5.0 gpm (18.9 lpm)	54,000 gals. (204,412 lit.)	HF90-S 5613505	Bacteria ² , bacteriostatic, sediment, chlorine taste & odor, cyst ¹ , turbidity scale	5.8 lbs. (2.6 kg.)	1	\$594.66
	70020020742				70020020163	00016145801228		10016145901222	
ICE195-S	5616404	3.0	5.0 gpm (18.9 lpm)	54,000 gals. (204,412 lit.)	HF95-S 5613509	Sediment, chlorine taste & odor, scale	5.8 lbs. (2.6 kg.)	1	\$575.17
	70020044429				70020121433	00016145801259		10016145901253	

Connections: 1/2" FNPT. Product Dimensions: 23-5/8" H x 5" D. (60.0 cm. x 12.7 cm.)

Shipping Dimensions: 28" x 4-7/8" x 4-7/8" (71.1 cm. x 12.4 cm. x 12.4 cm.) Cubic Feet: 0.4

ICE260 Series Filter System with Shut-off Valve



For commercial cubers to 3,000 lbs. (1,360.8 kg.) and commercial flakers to 4,800 lbs. (2,177.3 kg.)

Model No.	Part No. / 3M ID#	Micron	Flow Rate	Capacity	Repl't Ctg	Reduction Claims / Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC	Price/Ea.
ICE260-S	5624503	0.2	6.68 gpm (25.3 lpm)	70,000 gals. (264,978 lit.)	(2) HF60-S 5613405	Bacteria ² , bacteriostatic, sediment, chlorine taste & odor, cyst ¹ , scale	17.4 lbs. (7.9 kg)	1	\$1,332.91
	70020229392				70020116706	00016145210921		00016145210921	
ICE265-S	5624504	3.0	6.68 gpm (25.3 lpm)	70,000 gals. (264,978 lit.)	(2) HF65-S 5613409	Sediment, chlorine taste & odor, scale	17.4 lbs. (7.9 kg)	1	\$1,309.42
	70020229400				70020020130	00016145210938		00016145210938	

Connections: 3/4" MNPT. Product Dimensions: 18-1/16" H x 16-7/8" W x 5-3/8" D. (45.9 cm. x 42.9 cm. x 13.7 cm.)

Shipping Dimensions: Consult factory.

¹Based on the use of *Cryptosporidium parvum* oocysts.

²As tested with *E. Coli* ATCC (11229). Tested and verified by manufacturer's laboratory.

Please refer to Replacement cartridges section for replacement filter cartridges.

Consumption of specialty coffees, coffee-based beverages and specialty teas is increasing yearly.

coffee/hot tea

Scale build-up on heating coils can significantly increase maintenance costs

Excess sediment particles can clog the spray head in the brew basket

The Challenge:

Providing customer loyalty and an efficient operation.

The Solution:

Dedicated system design and technology maintains beverage clarity, consistency and full flavor along with efficient brewing machine operations.

Excess chlorine and organic residual can cause bitter-tasting beverages

Coffee/Hot Tea Water Filtration Systems

Designed to provide consistent quality hot beverages and reduce unscheduled service calls associated with chlorine taste and odor, and scale build-up in commercial coffee and tea brewers.

COFFEE and HOT TEA

BREW110 Series Valve-in-Head Filter System

7,000 pots (1/2-gal/ 1.9-liter) or 1 to 3 Pot Brewers



Model No.	Part No. / 3M ID#	Micron	Flow Rate	Capacity	Repl't Ctg	Reduction Claims / Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC	Price/Ea.
BREW110-MS	6213803	0.5	1.0 gpm (3.8 lpm)	3,500 gals. (13,249 lit.)	HF10-MS 5609329	Sediment, chlorine taste & odor, cyst ¹ , turbidity, scale	18 lbs. (8.2 kg.)	8	\$203.99
	70020021146				70020019595	00016145801877		10016145901871	
BREW115-MS	6213807	5.0	1.0 gpm (3.8 lpm)	3,500 gals. (13,249 lit.)	HF15-MS 5609331	Sediment, chlorine taste & odor, scale	18 lbs. (8.2 kg.)	8	\$196.45
	70020021153				70020044320	00016145801891		10016145901895	

Connections: 3/8" FNPT. Product Dimensions: 10-15/16" H x 4-1/2" D (27.8 cm. x 11.4 cm.)

Shipping Dimensions: 20-3/8" x 10-1/2" x 15-3/4" (51.8 cm. x 26.7 cm. x 40 cm.) Cubic Feet: 1.9

BREW120 Series Valve-in-Head Filter System

18,000 pots (1/2-gal / 1.9-liter) or up to 5 Pot Brewers; Satellite Brew System



Model No.	Part No. / 3M ID#	Micron	Flow Rate	Capacity	Repl't Ctg	Reduction Claims / Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC	Price/Ea.
BREW120-MS	5616001	0.5	1.5 gpm (5.7 lpm)	9,000 gals. (34,069 lit.)	HF20-MS 5615109	Sediment, chlorine taste & odor, cyst ¹ , scale	19 lbs. (8.6 kg.)	6	\$224.93
	70020020700				70020020593	00016145801167		10016145901161	

20,000 pots (1/2-gal / 1.9-liter)

Model No.	Part No. / 3M ID#	Micron	Flow Rate	Capacity	Repl't Ctg	Reduction Claims / Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC	Price/Ea.
BREW125-MS	5616002	1.0	1.5 gpm (5.7 lpm)	10,000 gals. (37,854 lit.)	HF25-MS 5615209	Sediment, chlorine taste & odor, scale	19 lbs. (8.6 kg.)	6	\$222.73
	70020020718				70020020635	00016145801136		10016145901130	

Connections: 3/8" FNPT. Product Dimensions: 15-1/2" H x 4-1/2" D (39.4 cm. x 11.4 cm.)

Shipping Dimensions: 15-1/4" x 10-1/2" x 23-1/4" (38.7 cm. x 26.7 cm. x 59.1 cm.) Cubic Feet: 2.2

BREW130 Series Valve-in-Head Filter System

28,000 pots (1/2-gal / 1.9-liter) or up to 5 Pot Brewers; Satellite Brew System



Model No.	Part No. / 3M ID#	Micron	Flow Rate	Capacity	Repl't Ctg	Reduction Claims / Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC	Price/Ea.
BREW130-MS	5616103	0.5	1.67 gpm (6.3 lpm)	14,000 gals. (52,996 lit.)	HF30-MS 5615111	Sediment, chlorine taste & odor, cyst ¹ , turbidity, scale	15.5 lbs. (7 kg.)	4	\$245.77
	70020020734				70020020601	00016145801174		10016145901178	

25,200 pots (1/2-gal / 1.9-liter)

Model No.	Part No. / 3M ID#	Micron	Flow Rate	Capacity	Repl't Ctg	Reduction Claims / Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC	Price/Ea.
BREW135-MS	5616104	1.0	1.67 gpm (6.3 lpm)	12,600 gals. (47,696 lit.)	HF35-MS 5615211	Sediment, chlorine taste & odor, scale	15.5 lbs. (7 kg.)	4	\$244.99
	70020043116				70020043108	00016145801143		10016145901147	

Connections: 3/8" FNPT. Product Dimensions: 19-3/4" H x 4-1/2" D (50.2 cm. x 11.4 cm.)

Shipping Dimensions: 10-1/2" x 10-1/2" x 28-1/4" (26.7 cm. x 26.7 cm. x 71.8 cm.) Cubic Feet: 1.8

HF160-CLS Chloramine Reduction System



Model No.	Part No. / 3M ID#	Micron	Flow Rate	Capacity	Repl't Ctg	Reduction Claims / Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC	Price/Ea.
HF160-CLS	5626002	0.2	2.2 gpm (8.3 lpm)	4,700 gals. (17,789 lit.)	HF60-CLS 56259-02	Bacteria ² , sediment, chloramines, chlorine taste & odor, cyst ¹ , scale	4.1 lbs. (1.9 kg.)	1	\$353.19
	70020282870				70020282862	00016145265228		00016145265228	

Connections: 1/2" FNPT. Product Dimensions: 15-7/8" H x 4-3/8" D (40.3 cm. x 11.1 cm.)

Shipping Dimensions: Contact Factory Cubic Feet: Contact Factory

TFS450 Series Reverse Osmosis w/T.D.S. (Total Dissolved Solids) Blending Valve



Model No.	Part No. / 3M ID#	Type	Capacity	Reduction Claims	Cu. Ft. / Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC	Price/Ea.
TFS450 RO System cartridges included	5623901	Line pressure RO system	300 gpd* (1135.6 lpd) without Blending 444 gpd* (1680.7 lpd) with Blending	Sediment, chlorine taste & odor, TDS reduction	Contact Factory	31 lbs (14 kg.)	1	\$3,302.58
	70020217751				00016145213137		00016145213137	

Shipping Dimensions: 7" x 30" x 20" (17.8 cm. x 76.2 cm. x 50.8 cm.)

TFS450 Replacement Cartridge(s)

Model No.	Part No. / 3M ID#	Type	Qty. Req'd	Capacity	Reduction Claims	Cu. Ft. / Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC	Price/Ea.
TFS450 Carpak includes prefilter, post	5624801	SQC style	1	N/A	Sediment, chlorine taste & odor, TDS reduction	Contact Factory	Contact Factory	1	\$1,525.20
	70020217785					00016145216275		00016145216275	
TFS450 Carpak includes (2) RO	5624802	SQC style	1	N/A	TDS reduction	Contact Factory	Contact Factory	1	\$861.07
	70020217793					00016145216282		00016145216282	
TFS450 Install Kit	50-91301	installation kit			1	Contact Factory	Contact Factory	1	\$208.09
	70020230754					00016145213120		00016145213120	

Connections: inlet: 3/8" FNPT; outlet 1/2" FNPT Product Dimensions: 17-15/16" H x 22" W x 10-5/8" D (45.6 x 55.9 x 27.0 cm)

¹Based on the use of Cryptosporidium parvum oocysts.²As tested with *E. Coli* ATCC (11229). Tested and verified by manufacturer's laboratory.

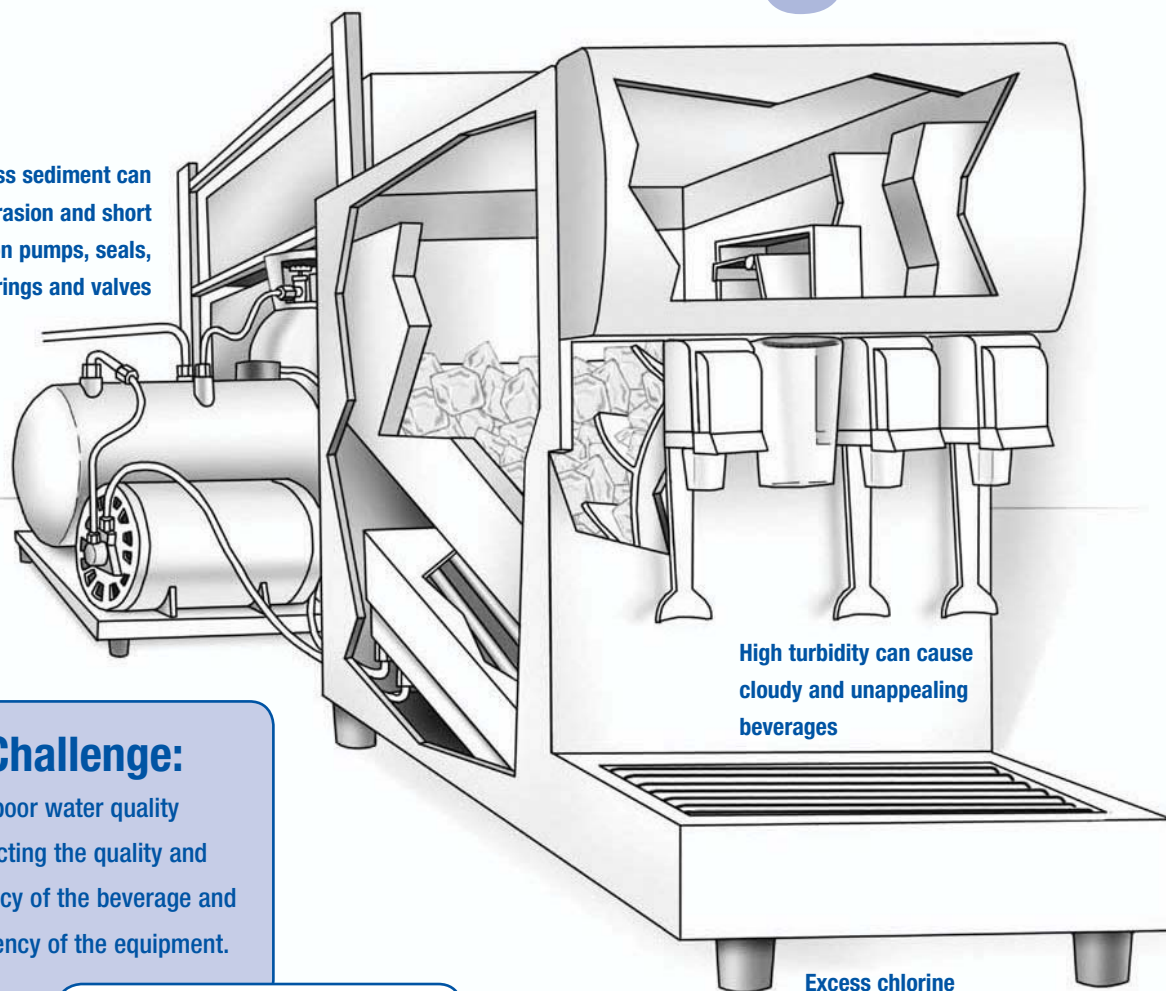
* gpd (gallons per day) based on softened water @ 70 psi (483 kPa) and 77°F (25°C)

Please refer to Replacement cartridges section for replacement filter cartridges.

From convenience stores and restaurants to quick-service operations, the beverage machine is often the most profitable part of the business.

cold beverage

Excess sediment can cause abrasion and short life on pumps, seals, o-rings and valves



High turbidity can cause cloudy and unappealing beverages

Excess chlorine residual can cause unpleasant-tasting beverages

The Challenge:

Keeping poor water quality from affecting the quality and consistency of the beverage and the efficiency of the equipment.

The Solution:

Sanitary Quick Change designed systems from 3M™ Water Filtration Products reduce sediment, chlorine taste and odor. Great-tasting beverages may lead to repeat business and added drink sales.

Cold Beverage Water Filtration Systems

Designed to provide consistent quality carbonated and non-carbonated beverages and reduce unscheduled service calls in post mix systems.

COLD BEVERAGE

BEV130 Series Valve-in-Head Filter System

For single carbonator dispensers



Model No.	Part No. / 3M ID#	Micron	Flow Rate	Capacity	Repl't Ctg	Reduction Claims / Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC	Price/Ea.
BEV130	5616101	0.5	1.67 gpm (6.3 lpm)	14,000 gals. (52,996 lit.)	HF30 5615105	Sediment, chlorine taste & odor, cyst ¹	15.5 lbs. (7 kg.)	4	\$323.01
	70020020726				70020020577	00016145801006		10016145901000	
BEV135	5616102	1.0	1.67 gpm (6.3 lpm)	12,600 gals. (47,696 lit.)	HF35 5615205	Sediment, chlorine taste & odor	15.5 lbs. (7 kg.)	4	\$317.43
	70020044361				70020043090	00016145801013		10016145901017	

Connections: 3/8" FNPT. Product Dimensions: 21-1/4" H x 4-1/2" D. (54 cm x 11.4 cm.)

Shipping Dimensions: 10-1/2" x 10-1/2" x 28-1/4". (26.7 cm. x 26.7 cm. x 71.8 cm.) Cubic Feet: 1.8

BEV140 Series Valve-in-Head Filter System

For single high flow carbonator dispensers



Model No.	Part No. / 3M ID#	Micron	Flow Rate	Capacity	Repl't Ctg	Reduction Claims / Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC	Price/Ea.
BEV140	5616201	0.2	2.1 gpm (7.9 lpm.)	25,000 gals. (94,635 lit.)	HF40 5613303	Bacteria ² , bacteriostatic, sediment, chlorine taste & odor, cyst ¹	8.9 lbs. (4.0 kg.)	2	\$402.91
	70020044379				70020020114	00016145801037		10016145901031	
BEV145	5616202	3.0	2.1 gpm (7.9 lpm.)	25,000 gals. (94,635 lit.)	HF45 5613307	Sediment, chlorine taste & odor	8.9 lbs. (4.0 kg.)	2	\$393.23
	70020109537				70020115468	00016145801020		10016145901024	

Connections: 3/8" FNPT. Product Dimensions: 14-7/8" H x 5-1/16" D. (37.8 cm. x 12.9 cm.)

Shipping Dimensions: 10-1/2" x 5-1/2" x 23-1/4". (26.7 cm. x 14 cm. x 59.1 cm.) Cubic Feet: 0.8

BEV160 Series Filter System with Shut-off Valve

For dual carbonator dispensers



Model No.	Part No. / 3M ID#	Micron	Flow Rate	Capacity	Repl't Ctg	Reduction Claims / Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC	Price/Ea.
BEV160	5616301	0.2	3.34 gpm (12.6 lpm)	35,000 gals. (132,489 lit.)	HF60 5613403	Bacteria ² , bacteriostatic, sediment, chlorine taste & odor, cyst ¹	4.1 lbs. (1.9 kg.)	1	\$459.85
	70020044395				70020020122	00016145801051		10016145901055	
BEV165	5616302	3.0	3.34 gpm (12.6 lpm)	35,000 gals. (132,489 lit.)	HF65 5613407	Sediment, chlorine taste & odor	4.1 lbs. (1.9 kg.)	1	\$448.12
	70020109545				70020115476	00016145801044		10016145901048	

Connections: 1/2" FNPT. Product Dimensions: 17-5/8" H x 5" D. (44.8 cm. x 12.7 cm.)

Shipping Dimensions: 22" x 4-7/8" x 4-7/8". (55.9 cm. x 12.4 cm. x 12.4 cm.) Cubic Feet: 0.3

HF160-CL Chloramine Reduction System



Model No.	Part No. / 3M ID#	Micron	Flow Rate	Capacity	Repl't Ctg	Reduction Claims / Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC	Price/Ea.
HF160-CL	5626001	0.2	2.2 gpm (8.3 lpm)	4,700 gals. (17,789 lit.)	HF60-CL 56259-01	Bacteria ² , sediment, chloramines, chlorine taste & odor, cyst ¹	4.1 lbs. (1.9 kg.)	1	\$358.17
	70020282102				70020274927	00016145264481		00016145264481	

Connections: 1/2" FNPT. Product Dimensions: 15-7/8" H x 4-3/8" D. (40.3 cm. x 11.1 cm.)

Shipping Dimensions: Contact Factory Cubic Feet: Contact Factory

HF195-CL High Capacity Chloramine Reduction System



Model No.	Part No. / 3M ID#	Micron	Flow Rate	Capacity	Repl't Ctg	Reduction Claims / Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC	Price/Ea.
HF195-CL	5625802	5.0	2.5 gpm (9.5 lpm)	30,000 gal (113,562 liters)	HF95-CL 5627302	Sediment, chloramines, chlorine taste & odor	Contact Factory	1	\$504.33
	70020283787			70020283795		00016145266041		00016145266041	

Connections: 1/2" FNPT. Product Dimensions: 23-5/8" H x 5" D. (60.0 cm x 12.7 cm)

Shipping Dimensions: 28" x 4-7/8" x 4-7/8". (71.1 cm x 12.4 cm) Cubic Feet 0.4

HF295-CL Twin, High Capacity Chloramine Reduction System



Model No.	Part No. / 3M ID#	Micron	Flow Rate	Capacity	Repl't Ctg	Reduction Claims / Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC	Price/Ea.
HF295-CL	5627501	5.0	5 gpm (19 lpm)	60,000 gal (227,100 liters)	(2) HF95-CL 5627302	Sediment, chloramines, chlorine taste & odor	Contact Factory	1	\$1,611.42
	70020283985			70020283795		00016145266263		00016145266263	

Connections: 1/2" MNPT. Product Dimensions: Contact Factory

Shipping Dimensions: Contact Factory

BEV190 Series Filter System with Shut-off Valve

Serves carbonator and cold beverage dispensers up to 5 gpm (18.9 lpm) demand flow rate



Model No.	Part No. / 3M ID#	Micron	Flow Rate	Capacity	Repl't Ctg	Reduction Claims / Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC	Price/Ea.
BEV190	5616401	0.2	5.0 gpm (18.9 lpm)	54,000 gals. (204,412 lit.)	HF90 5613503	Bacteria ² , cyst ¹ , particulate, chlorine taste & odor, cyst ¹ , turbidity	5.8 lbs. (2.6 kg.)	1	\$583.40
	70020074947				70020115476	00016145801075		10016145901079	
BEV195	5616402	3.0	5.0 gpm (18.9 lpm)	54,000 gals. (204,412 lit.)	HF95 5613507	Sediment, chlorine taste & odor	5.8 lbs. (2.6 kg.)	1	\$563.91
	70020044411				70020020171	00016145801068		10016145901062	

Connections: 1/2" FNPT. Product Dimensions: 23-5/8" H x 5" D. (60.0 cm. x 12.7 cm.)

Shipping Dimensions: 28" x 4-7/8" x 4-7/8". (71.1 cm. x 12.4 cm. x 12.4 cm.) Cubic Feet: 0.4

DWS160-L Drinking Water System with Fixed Flow Control Valve-in Head

For water coolers, drinking water fountains, under the sink drinking water applications



Model No.	Part No. / 3M ID#	Micron	Flow Rate	Capacity	Repl't Ctg	Reduction Claims / Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC	Price/Ea.
DWS160-L	5627201	0.2	2.5 gpm (9.4 lpm.)	6,000 gals. (22,712 lit.)	160-L 5613444	Bacteria ² , cyst ¹ , particulate, chlorine taste and odor, lead, benzene, toxaphene, p-Dichlorobenzene, (160-L to be used with the DWS160-L reduced flow head only.)	Contact Factory	1	\$493.16
	70020282888				70020282854	00016145265235		50016145265230	

¹Based on the use of Cryptosporidium parvum oocysts.²As tested with *E. Coli* ATCC (11229). Tested and verified by manufacturer's laboratory.

Please refer to Replacement cartridges section for replacement filter cartridges.

A Central System providing filtered water to several pieces of equipment can be more economical and easier to install and service than a central system providing unfiltered water.

Excess sediment can cause abrasion and short life on pumps, seals and o-rings

Scale build-up on evaporator plates and heating coils can significantly increase maintenance costs

The Challenge:

Providing appropriate water quality to equipment requiring different water characteristics.

The Solution:

Dual Port and Dual Flow systems are engineered to provide high flow rates, high capacities and the benefits of individual equipment filtration in a single compact package.

Excess chlorine and organics can cause unpleasant-tasting beverages and chlorine smell and corrosion in ice bins

Dual Port and Dual Flow Water Filtration Systems for Multiple Equipment Applications

Central systems designed to provide appropriate water quality to multiple pieces of equipment that require different water characteristics.

MULTI-EQUIPMENT/COMBINATIONS

Dual Port 190 Series Manifold Filter System with Shut-off Valve

For combination applications that include ice, coffee, tea and cold beverage, including FCB and post mix.

Model No.	Part No. / 3M ID#	Micron	Flow Rate	Capacity	Repl't Ctg	Reduction Claims / Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC	Price/Ea.
DP190	5624301	0.2	5.0 gpm (18.9 lpm)	54,000 gals. (204,412 lit.)	CARTPAK DP190 5613801	Bacteria ² , bacteriostatic, sediment, chlorine taste & odor, cyst ¹ , turbidity, scale	15 lbs. (6.8 kg.)	1	\$1,189.78
	70020228097				70020044346	00016145209604		00016145209604	

Connections: 3/4" MNPT. Product Dimensions: 24-1/16" H x 17-1/4" W x 5-7/16" D. (61.1 cm. x 43.8 cm. x 13.8 cm.)

Dual Port 290 Series Manifold Filter System with Shut-off Valve

For combination applications that include ice, coffee, tea and cold beverage, including FCB and post mix.

Model No.	Part No. / 3M ID#	Micron	Flow Rate	Capacity	Repl't Ctg	Reduction Claims / Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC	Price/Ea.
DP290	5624201	0.2	10.0 gpm (37.9 lpm)	108,000 gals. (408,823 lit.)	CARTPAK DP290 5613802	Bacteria ² , bacteriostatic, sediment, chlorine taste & odor, cyst ¹ , turbidity, scale	23 lbs. (10.43 kg.)	1	\$1,778.12
	70020229350				70020044353	00016145210884		00016145210884	

Connections: 3/4" MNPT. Product Dimensions: 24-1/16" H x 23-5/16" W x 5-7/16" D. (61.1 cm. x 59.2 cm. x 13.8 cm.)

DP295-CL Twin, High Capacity Dual Port Chloramine Reduction System

For combination applications that include ice, coffee, tea and cold beverage, including FCB and post mix.

Model No.	Part No. / 3M ID#	Micron	Flow Rate	Capacity	Repl't Ctg	Reduction Claims / Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC	Price/Ea.
DP295-CL	5624204	5	5.0 gpm (18.9 lpm)	Cold Beverage: 60,000 gal (227,124 liters)	DP295-CL Cartpak 5613818	Sediment, Chloramines, Chlorine taste & odor, Scale	23 lbs. (10.43 kg.)	1	\$1,907.13
	70020283977				70020283969	00016145266256		00016145266256	

Connections: 3/4" MNPT. Product Dimensions: 24-1/16" H x 23-5/16" W x 5-7/16" D. (61.1 cm x 59.2 x 13.8 cm)

Dual Port 390 Series Manifold Filter System with Shut-off Valve

For combination applications that include ice, coffee, tea and cold beverage, including FCB and post mix.

Model No.	Part No. / 3M ID#	Micron	Flow Rate	Capacity	Repl't Ctg	Reduction Claims / Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC	Price/Ea.
DP390	5624102	0.2	15.0 gpm (56.8 lpm)	162,000 gals. (613,235 lit.)	CARTPAK DP390 5613803	Bacteria ² , bacteriostatic, sediment, chlorine taste & odor, cyst ¹ , turbidity, scale	31 lbs. (14.06 kg.)	1	\$2,484.31
	70020228402				70020132364	00016145209918		00016145209918	

Connections: 3/4" MNPT. Product Dimensions: 24-1/16" H x 29-5/16" W x 5-7/16" D. (61.1 cm. x 74.5 cm. x 13.8 cm.)

Dual Port 260 Series Manifold Filter System with Shut-off Valve

For combination applications that include ice, coffee, tea and cold beverage, including FCB and post mix.

Model No.	Part No. / 3M ID#	Micron	Flow Rate	Capacity	Repl't Ctg	Reduction Claims / Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC	Price/Ea.
DP260	5625501	0.2	6.68 gpm (25.3 lpm)	70,000 gals. (264,950 lit.)	CARTPAK DP260 5613814	Bacteria ² , bacteriostatic, sediment, chlorine taste & odor, cyst ¹ , scale	Contact Factory	1	\$1,549.56
	70020259118				70020244912	00016145242236		00016145242236	

Connections: 3/4" MNPT. Product Dimensions: 18" H x 25 5/16" W x 5-7/16" D. (45.7 cm. x 64.3 cm. x 13.8 cm.)

Cartpak Replacement Cartridges

Model No.	Part No. / 3M ID#	Micron	Replacement Cartridge	Reduction Claims	Cu. Ft./ Shipping Dim. / Prod Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC	Price/Ea.
CARTPAK-DP190	5613801	0.2	(1) HF90:5613503 & (1) HF8-S: 5582106	Bacteria ² , bacteriostatic, sediment, chlorine taste & odor, cyst ¹ , turbidity, scale	0.7 cu. ft./ 10" x 5-1/2" x 22" (25.4 cm. x 14.0 cm. x 55.9 cm.)	6.5 lbs. (2.9 kg.)	1	\$425.96
	70020044346				00016145801662		10016145901666	
CARTPAK-DP290	5613802	0.2	(2) HF90:5613503 & (1) HF8-S: 5582106	Bacteria ² , bacteriostatic, sediment, chlorine taste & odor, cyst ¹ , turbidity, scale	1.3 cu. ft./ 10" x 10" x 22" (25.4 cm. x 25.4 cm. x 55.9 cm.)	11.5 lbs. (5.2 kg.)	1	\$778.87
	70020044353				00016145801679		10016145901673	
CARTPAK-DP295-CL	5613818	5	(2) HF95-CL: 5627302 & (1) HF8-S: 5582106	Sediment, Chloramines, Chlorine taste & odor	Contact Factory	Contact Factory	1	\$880.58
	70020283969				00016145266249		00016145266249	
CARTPAK-DP390	5613803	0.2	(3) HF90:5613503 & (1) HF8-S: 5582106	Bacteria ² , bacteriostatic, sediment, chlorine taste & odor, cyst ¹ , turbidity, scale	1.3 cu. ft./ 10" x 10" x 22" (25.4 cm. x 25.4 cm. x 55.9 cm.)	16.5 lbs. (7.5 kg.)	1	\$1,131.78
	70020132364				00016145801686		10016145901680	
CARTPAK-DP260	5613814	0.2	(2) HF60:5613403 & (1) HF8-S: 5582106	Bacteria ² , bacteriostatic, sediment, chlorine taste & odor, cyst ¹ , scale	1.3 cu. ft./ 10" x 10" x 22" (25.4 cm. x 25.4 cm. x 55.9 cm.)	Contact Factory	1	\$570.69
	70020244912				00016145228018		00016145228018	

Dual Flow 290 Chloramine Reduction Manifold Filter System with Shut-off Valve

Model No.	Part No. / 3M ID#	Micron	Flow Rate	Capacity	Repl't Ctg	Reduction Claims / Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC	Price/Ea.
DF290-CL	5623601	0.2	Beverage 2.66 gpm (10.1 lpm) Ice 5 gpm (18.9 lpm)	Beverage 25,000 gals. (94,635 lit.) Ice: N/A	CARTPAK DF290-CL 5613807	Bacteria ² , sediment, chlorine taste & odor, cyst ¹ , chloramine, turbidity, scale	20 lbs. (9.1 kg.)	1	\$2,078.42
	70020229327					00016145210853		00016145210853	

Connections: 3/4" MNPT. Product Dimensions: 24-1/6" H x 22-7/8" W x 5/3/8" D. (66.1 cm. x 58.1 cm. x 13.7 cm.)

Shipping Dimensions: Consult Factory.

Cartpak Replacement Cartridges

CARTPAK Replacement Cartridges									
Model No.	Part No. / 3M ID#	Micron	Replacement Cartridge		Reduction Claims	Cu. Ft./ Shipping Dim. / Prod Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC	Price/Ea.
CARTPAK-DF290-CL	5613807	0.2	Beverage 25,000 gals. (94,635 lit.) Ice: N/A	(2) HF90-CL:5613501 &(1) HF90-S-SR5:5617107	Bacteria ² , sediment, chlorine taste & odor, cyst ¹ , chloramine, turbidity, scale	1.3 cu. ft./ 10" x 10" x 22" (25.4 cm. x 25.4 cm. x 55.9 cm.)	13.5 lbs. (6.1 kg.)	1	\$1,189.97
	70020144005					00016145801723		10016145901727	

¹Based on the use of Cryptosporidium parvum oocysts.

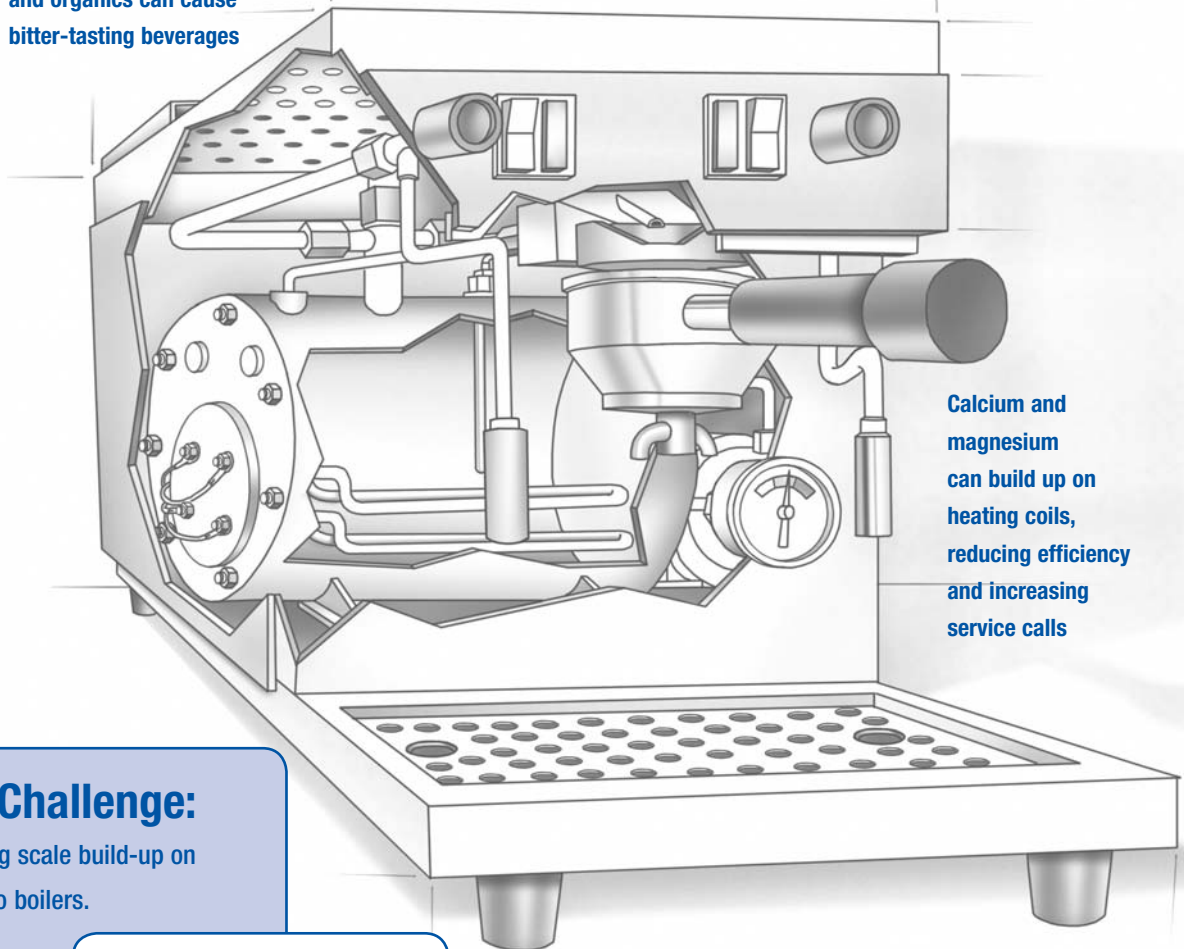
²As tested with *E.coli* ATCC (11229). Tested and verified by manufacturer's laboratory.

Please refer to Replacement cartridges section for replacement filter cartridges.

Espresso and espresso-based drinks are popular alternatives to coffee.

espresso

Excess chlorine
and organics can cause
bitter-tasting beverages



Calcium and
magnesium
can build up on
heating coils,
reducing efficiency
and increasing
service calls

The Challenge:

Reducing scale build-up on
espresso boilers.

The Solution:

The 3M™ Water Filtration
Products ion exchange systems
reduce hardness without the
need for a drain, electrical
connection or salt regeneration.

Espresso Water Filtration Systems

Designed to reduce hard scale build-up on heating coils
without affecting the equipment.

ESPRESSO



ESP Series Softener Systems Valve-in-Head Style Softener System

Model No.	Part No. / 3M ID#	Flow Rate	Capacity	Repl't Ctg	Reduction Claims / Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC	Price/Ea.
ESP114-T	5617609	0.5 gpm (1.9 lpm)	700 grains	PS114 5610909	Softening, chlorine taste & odor	20 lbs. (9.1 kg.)	6	\$203.23
	70020044445			70020044338	00016145801839		10016145901833	

Connections: 3/8" FNPT. Product Dimensions: 15-3/8" H x 4-7/16" D. (39.1 cm x 11.3 cm.)

Shipping Dimensions: 15-1/4" x 10-1/2" x 15-3/4". (38.7 cm. x 26.7 cm. x 40 cm.) Cubic Feet: 1.5



Valve-in-Head Extended Length Style Softener System

Model No.	Part No. / 3M ID#	Flow Rate	Capacity	Repl't Ctg	Reduction Claims / Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC	Price/Ea.
ESP124-T	5617610	0.5 gpm (1.9 lpm)	1,100 grains	PS124 5610907	Softening, chlorine taste & odor	12 lbs. (5.4 kg.)	4	\$215.98
	70020020817			70020019892	00016145801846		10016145901840	

Connections: 3/8" FNPT. Product Dimensions: 19-3/4" H x 4-7/16" D. (50.2 cm x 11.3 cm.)

Shipping Dimensions: 10-1/2" x 10-1/2" x 28-1/4". (26.7 cm. x 26.7 cm. x 71.8 cm.) Cubic Feet: 1.8



SGP Series Hardness Reduction Systems with Blending ScaleGard™ Pro Valve-in-Head System

Model No.	Part No. / 3M ID#	Flow Rate	Capacity	Repl't Ctg	Reduction Claims / Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC	Price/Ea.
SGP124BN-T	5617603	0.5 gpm (1.9 lpm)	422.6 gals. (1,600lit.) @ 10.5 gpg hardness	P124BN 5610901	Hard scale reduction, chlorine taste & odor	15.5 lbs. (7 kg.)	4	\$299.46
	70020020809			70020019876	00016145802089		10016145902083	

Connections: 3/8" FNPT. Product Dimensions: 19-3/4" H x 4-7/16" D. (50.2 cm x 11.3 cm.)

Shipping Dimensions: 10-1/2" x 10-1/2" x 28-1/4". (26.7 cm. x 26.7 cm. x 71.8 cm.) Cubic Feet: 1.8



ScaleGard™ Pro Valve-in-Head System

Model No.	Part No. / 3M ID#	Flow Rate	Capacity	Repl't Ctg	Reduction Claims / Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC	Price/Ea.
SGP165BN-T	5617601	1.0 gpm (3.8 lpm)	719 gals. (2,722 lit.) @ 9.0 gpg hardness	P165BN 5615601	Hard scale reduction, chlorine taste & odor	5.8 lbs. (2.6 kg.)	1	\$393.40
	70020074954			70020020692	00016145802065		10016145902069	

Connections: 3/8" FNPT. Product Dimensions: 16-7/16" H x 5-1/16" D. (41.8 cm x 12.9 cm.)

Shipping Dimensions: 22" x 4-7/8" x 4-7/8". (55.9 cm. x 12.4 cm. x 12.4 cm.) Cubic Feet: 0.3



ScaleGard™ Pro Valve-in-Head System

Model No.	Part No. / 3M ID#	Flow Rate	Capacity	Repl't Ctg	Reduction Claims / Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC	Price/Ea.
SGP195BN-T	5617602	1.0 gpm (3.8 lpm)	1,200 gals. (4,542 lit.) @ 9.0 gpg hardness	P195BN 5615001	Hard scale reduction, chlorine taste & odor	8.5 lbs. (3.9 kg.)	1	\$450.48
	70020020791			70020020544	00016145802072		10016145902076	

Connections: 3/8" FNPT. Product Dimensions: 22-7/16" H x 5-1/16" D. (57 cm x 12.9 cm.)

Shipping Dimensions: 28" x 4-7/8" x 4-7/8". (71.1 cm. x 12.4 cm. x 12.4 cm.) Cubic Feet: 0.4

ScaleGard™ Pro Sizing Guide

Inlet Hardness (ppm)	Capacity Gallons (Liters)		
	SGP124	SGP165	SGP195
40	1,828 (6,920)	2,742 (10,380)	4,569 (1,7299)
60	1,218 (4,613)	1,828 (6,920)	3,046 (11,533)
100	731 (2,768)	1,096 (4,152)	1,828 (6,920)
140	522 (1,977)	783 (2,966)	1,305 (4,943)
180	406 (1,538)	609 (2,307)	1,015 (3,844)
200	365 (1,384)	548 (2,076)	914 (3,460)
240	304 (1,153)	457 (1,730)	761 (2,883)
280	261 (989)	391 (1,483)	652 (2,471)
320	228 (865)	342 (1,297)	571 (2,162)
360	203 (769)	304 (1,153)	507 (1,922)
400	182 (692)	274 (1,038)	457 (1,730)

Please refer to Replacement cartridges section for replacement filter cartridges.

Specialty iced teas are becoming popular alternatives to coffee.

iced tea

Calcium and magnesium hardness can decrease holding times and cause beverages to become cloudy

The Challenge:

Maintaining beverage clarity and increased holding times for brewed iced tea.

The Solution:

3M™ Water Filtration Products are designed and in-house tested for maximum performance and effectiveness.

Iced Tea Water Filtration Systems

Designed to increase holding times and reduce cloudiness in brewed iced tea.



ICED TEA



Valve-in-Head Filter System
96,000 cup capacity (12 oz.)

Model No.	Part No. / 3M ID#	Micron	Flow Rate	Capacity	Repl't Ctg	Reduction Claims / Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC	
BREW120-MS	5616001	0.5	1.5 gpm (5.7 lpm)	9,000 gals. (34,069 lit.)	HF20-MS 5615109	Sediment, chlorine taste & odor, scale, cyst ¹	19 lbs (8.6 kg.)	6	\$224.93
	70020020700				70020020593	00016145801167		10016145901161	

Connections: 3/8" FNPT. Product Dimensions: 15-1/2" H x 4-1/2" D. (39.4 cm x 11.4 cm.)

Shipping Dimensions: 15-1/4" x 10-1/2" x 23-1/4". (38.7 cm. x 26.7 cm. x 59.1 cm.) Cubic Feet: 2.2



Valve-in-Head Filter System
106,666 cup capacity (12 oz.)

Model No.	Part No. / 3M ID#	Micron	Flow Rate	Capacity	Repl't Ctg	Reduction Claims / Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC	
BREW125-MS	5616002	1.0	1.5 gpm (5.7 lpm)	10,000 gals. (37,854 lit.)	HF25-MS 5615209	Sediment, chlorine taste & odor, scale	19 lbs (8.6 kg.)	6	\$222.73
	70020020718				70020020635	00016145801136		10016145901130	

Connections: 3/8" FNPT. Product Dimensions: 15-1/2" H x 4-1/2" D. (39.4 cm x 11.4 cm.)

Shipping Dimensions: 15-1/4" x 10-1/2" x 23-1/4". (38.7 cm. x 26.7 cm. x 59.1 cm.) Cubic Feet: 2.2



Valve-in-Head Filter System
134,400 cup capacity (12 oz.)

Model No.	Part No. / 3M ID#	Micron	Flow Rate	Capacity	Repl't Ctg	Reduction Claims / Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC	
BEV135	5616102	1.0	1.67 gpm (6.3 lpm)	12,600 gals. (47,696 lit.)	HF35 5615205	Sediment, chlorine taste & odor	15.5 lbs (7 kg.)	4	\$317.43
	70020044361				70020043090	00016145801013		10016145901017	

Connections: 3/8" FNPT. Product Dimensions: 21-1/4" H x 4-1/2" D. (54.0 cm x 11.4 cm.)

Shipping Dimensions: 10-1/2" x 10-1/2" x 28-1/4". (26.7 cm. x 26.7 cm. x 71.8 cm.) Cubic Feet: 1.8

¹Based on the use of Cryptosporidium parvum oocysts.

Please refer to Replacement cartridges section for replacement filter cartridges.

Steam equipment is one of the most expensive pieces of equipment to maintain in a back-of-house operation. Failures can be caused by poor water quality.

steamers

Shards of scale
can block
blow-down drains

Scale build-up increases
energy consumption

The Challenge:

Eliminating scale build-up or reducing it to the point where normal servicing schedules can be maintained.

The Solution:

3M™ Water Filtration Products' reverse osmosis units are designed for the reduction of scale in a cost-effective manner.

Scale build-up can
cause excess service
calls and increase
operational expenses

STEAMERS, COMBI OVENS, PROOFER OVENS / REVERSE OSMOSIS SYSTEMS

Steamer Filtration System

For Ice: Cubers to 1,200 lbs. (544 kg.), flakers to 2,400 lbs. (1,089 kg.), coffee brewers and steamers to demand flow rates of 3.34 gpm (12.64 lpm)



Model No.	Part No. / 3M ID#	Micron	Flow Rate	Capacity	Repl't Ctg	Reduction Claims / Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC	Price/Ea.
SF165	5624601	3.0	3.34 gpm (12.6 lpm)	35,000 gals. (132,489 lit.)	SF165 CARTPAK 5613811	Sediment, chlorine taste & odor, scale	6 lbs (2.7 kg.)	1	\$990.96
	70020228113				70020144013	00016145209628		00016145209628	

Connections: 3/8" NPTF. Product Dimensions: 18-1/16" H x 17-1/4" W x 5-7/16" D. (45.9 cm x 43.8 cm. 13.8 cm.)

Shipping Dimensions: Consult Factory.

Replacement Cartridge

Model No.	Part No. / 3M ID#	Micron	Flow Rate	Capacity	Repl't Ctg	Reduction Claims / Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC	Price/Ea.
SF165 cartpak	5613811	3.0	3.34 gpm (12.6 lpm)	35,000 gals. (132,489 lit.)	(1)HF65: 5613407 (1)HF8-S: 5582106	Sediment, chlorine taste & odor, scale	Contact Factory	1	\$297.14
	70020144013				70020115476 / 70020016104	00016145140853		00016145140853	

Steamer Reverse Osmosis Filtration Systems

Replacement R.O. Membrane Cartridge*

Model No.	Part No. / 3M ID#	Type	Used in	Qty. Req'd	Cu. Ft. / Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC	Price/Ea.
M cartridge	5598707	RO membrane 150 gpd*** (568 lpd)	STM/TSR systems	1	0.4	6 lbs. (2.7 kg.)	4	\$430.59
	70020018068				00016145074981		10016145074988	

Reverse Osmosis TDS Reduction



Model No.	Part No. / 3M ID#	Type	Flow Rate	Capacity	Reduction Claims	Cu. Ft. / Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC	Price/Ea.
SGLP-RO with Permeate Pump	5612304	Line pressure RO system	N/A	75 gpd** (283.9 lpd)	Sediment, chlorine taste & odor, TDS reduction	Contact Factory	16 lbs. (7.26 kg)	1	\$1,062.80
	70020020031					00016145008580		00016145008580	

Connections: 1/4" tube inlet/outlet. Product Dimensions: 17-3/4" H x 12-1/4" W x 9-3/8" D (45 cm. x 31.31 cm. x 23.8 cm.)

Model No.	Part No. / 3M ID#	Type	Flow Rate	Capacity	Reduction Claims	Cu. Ft. / Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC	Price/Ea.
FSTM-075 without Permeate Pump	5612306	Line pressure RO system	N/A	75 gpd** (283.9 lpd)	Sediment, chlorine taste & odor, TDS reduction	Contact Factory	16 lbs. (7.26 kg)	1	\$811.55
	70020210848					00016145198021		00016145198021	

Connections: 1/4" tube inlet/outlet. Product Dimensions: 15-7/8" H x 12-1/4" W x 9-3/8" D (45 cm. x 31.1 cm. x 23.8 cm.)

STEAMERS, COMBI OVENS, PROOFER OVENS

Replacement Cartridge(s)*

Model No.	Part No. / 3M ID#	Type	Qty. Req'd	Capacity	Reduction Claims	Cu. Ft. / Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC	Price/Ea.
Prefilter	5570611	SQC style	1	N/A	Sediment, chlorine taste & odor	Contact Factory	17 lbs (7.71)	1	\$51.66
	70020148444					00016145143106		00016145143106	
RO Membrane	5598721	SQC style	1	75 gpd** (283.9 lpd)	TDS reduction	Contact Factory	Contact Factory	1	\$367.09
	70020158252					00016145152900		00016145152900	

Storage Tanks Kits

ScaleGard HP™ High Production Reverse Osmosis System



Model No.	Part No. / 3M ID#	Type	Capacity	Reduction Claims	Cu. Ft. / Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC	Price/Ea.
ScaleGard HP Reverse Osmosis System	56291012	110 V High Pressure RO System w/cartridge and RO membrane.	750 GPD ¹ (2,839 liters) w/o blending / 938 GPD (3,551 liters)	N/A	Contact Factory	Contact Factory	1	\$5,990.00
	Contact Factory				Contact Factory		Contact Factory	

Connections: 1/2" FNPT; outlet 1/2" FNPT. Product Dimensions: Contact Factory

6239301³ 110 V w/o cartridge & RO membrane.

6239302⁴ 220 V w/o cartridge & RO membrane.

Replacement Cartridge(s)

Model No.	Part No. / 3M ID#	Type	Qty. Req'd	Capacity	Reduction Claims	Cu. Ft. / Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC	Price/Ea.
HF90-CL-RO	5613529	Pre-filter for Scale Gard HP	1	N/A	Bacteria ⁵ , sediment, chloramines, chlorine taste & odor	Contact Factory	Contact Factory		\$ 387.57
	70020297852					00016145801617		10016145901611	

Replacement Cartridge(s)

Model No.	Part No. / 3M ID#	Type	Qty. Req'd	Capacity	Reduction Claims	Cu. Ft. / Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC	Price/Ea.
HFRO 500*	5626903	RO Cartridge	1	N/A	N/A	Contact Factory	Contact Factory	1	\$920.82
	70020274760					00016145257391		00016145257391	

¹ Production rate is dependent on water temperature and blending valve setting.

² Scalegard HP reverse osmosis system (110V) with Pre-Filter and RO cartridges.

³ Scalegard HP reverse osmosis system (110V) without Pre-Filter and RO cartridges.

⁴ Scalegard HP reverse osmosis system (220V) without Pre-Filter and RO cartridges.

⁵ As tested and verified with e.Coli ATCC (11229) or Pseudomonas (B) diminuta ATCC (19146). by manufacturer's laboratory.

*Maximum 18 month change-out recommended. Periodical evaluation of membrane recommended for optimum quality and flow. **gpd (gallons per day) based on softened water at 70 psi (483 kPa) and 77°F (25°C) Please refer to Replacement cartridges section for replacement filter cartridges

STEAMERS, COMBI OVENS, PROOFER OVENS / REVERSE OSMOSIS SYSTEMS



TFS450 Series Reverse Osmosis w/T.D.S. (Total Dissolved Solids) Blending Valve

Model No.	Part No. / 3M ID#	Type	Capacity	Reduction Claims	Cu. Ft. / Prod. Box UPC	Ship Wt.	Case Qty. / Master Ctn UPC	Price/Ea.
TFS450 RO System cartridges included	5623901	Line pressure RO system	300 gpd* (1135.6 lpd) without Blending 444 gpd* (1680.7 lpd) with Blending	Sediment, chlorine taste & odor, TDS reduction	Contact Factory	31 lbs (14 kg.)	1	\$3,302.58
	70020217751				00016145213137		00016145213137	

Shipping Dimensions: 7" x 30" x 20" (17.8 cm. x 76.2 cm. x 50.8 cm.)

Connections: inlet: 3/8" FNPT; outlet 1/2" FNPT Product Dimensions: 17-15/16" H x 22" W x 10-5/8" D (45.6 x 55.9 x 27.0 cm)

TFS450 Replacement Cartridge(s)

Model No.	Part No. / 3M ID#	Type	Qty. Req'd	Capacity	Reduction Claims	Cu. Ft. / Prod. Box UPC	Ship Wt.	Case Qty. / Master Ctn UPC	Price/Ea.
TFS450 Cartpak includes prefilter, post filter, (2) RO	5624801	SQC style	1	N/A	Sediment, chlorine taste & odor, TDS reduction	Contact Factory	Contact Factory	1	\$1,525.20
	70020217785					00016145216275		00016145216275	
TFS450 Cartpak includes (2) RO Modules	5624802	SQC style	1	N/A	TDS reduction	Contact Factory	Contact Factory	1	\$861.07
	70020217793					00016145216282		00016145216282	
TFS450 Install Kit	50-91301	installation kit			1	Contact Factory	Contact Factory	1	\$208.09
	70020230754					00016145213120		00016145213120	

Storage Tanks Kits*

For STM 150 and TSR 150 systems

Requires at least (1) storage tank below



Model No.	Part No. / 3M ID#	Dimensions	Qty. Req'd	Cu. Ft. / Prod. Box UPC	Ship Wt.	Case Qty. / Master Ctn UPC	Price/Ea.
5 gal. drawdn. Tank	5598406	16-1/2" H x 15" D (41.9 cm. x 38.1 cm.)	1	Contact Factory	20 lbs. (9.1 kg.)	1	\$521.28
	70020018001			00016145008047		00016145008047	
10 gal. drawdn. Tank	5598407	32-1/2" H x 16" D (81.9 cm. x 40.6 cm.)	1	Contact Factory	23 lbs. (10.4 kg.)	1	\$819.73
	70020018019			00016145008054		00016145008054	
20 gal. Fiberglass	5598408	56-3/4" H x 16" D (144.1 cm. x 40.6 cm.)	1	Contact Factory	42 lbs. (19.1 kg.)	1	\$1,394.35
	70020018027			00016145008061		00016145008061	
40 gal. drawdn. Tank	5598409	55-1/2" H x 24-1/4" D (141.0 cm. x 61.6 cm.)	1	Contact Factory	87 lbs. (39.5 kg.)	1	\$1,529.52
	70020018035			00016145008078		00016145008078	

*gpd (gallons per day) based on softened water @ 70 psi (483 kPa) and 77°F (25°C)

**drawdown @ 60 psi with 15 psi pre-charge

Please refer to Replacement cartridges section for replacement filter cartridges.

Reverse Osmosis Sizing Guide for Steamers Operating Parameters

12 hour daily usage

3 cycles/day

Minimum 2 hour recovery time between cycles

Electric Steamers**

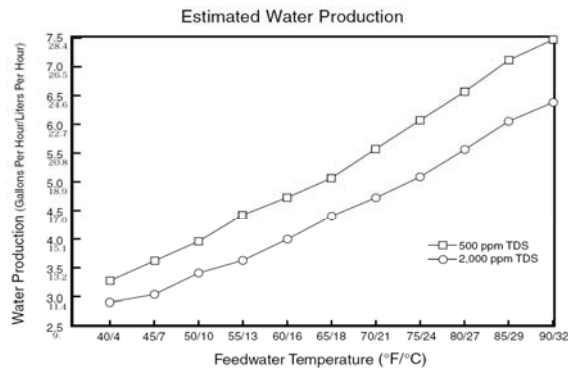
Steamer size	3 kW	5 kW	8 kW	9 kW	12 kW	16 kW	18 kW	24 kW	27 kW	36 kW	48 kW
Gallons Required Per Hour	1.2 gals.	2 gals.	3.2 gals.	3.6 gals.	4.8 gals.	6.4 gals.	7.2 gals.	9.6 gals.	10.6 gals.	14.4 gals.	19.2 gals.
Recommended Reverse Osmosis Unit	STM150	STM150	STM150	STM150	STM150	TFS450	TFS450	TFS450	CFSRO600	CFSRO600	CFSRO900
Recommended Tank Size	5 gal. drawdown	5 gal. drawdown	10 gal. drawdown	10 gal. drawdown	10 gal. drawdown	10 gal. drawdown	10 gal. drawdown	20 gal. drawdown	20 gal. drawdown	20 gal. drawdown	40 gal. drawdown
RO Production Per Hour	6.25 gals.	6.25 gals.	6.25 gals.	6.25 gals.	6.25 gals.	12.5 gals.	12.5 gals.	12.5 gals.	25 gals.	25 gals.	37.5 gals.

Gas Steamer**

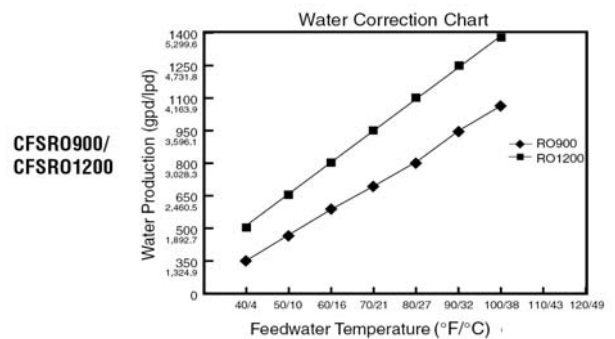
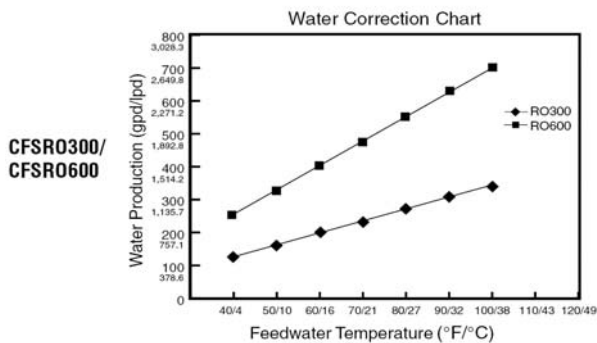
Steamer size	25,000 BTU	50,000 BTU	75,000 BTU	100,000 BTU	160,000 BTU	200,000 BTU	300,000 BTU
Gallons Required Per Hour	2 gals.	3.6 gals.	6.4 gals.	7.2 gals.	10.8 gals.	14.4 gals.	21.6 gals.
Recommended Reverse Osmosis Unit	STM150	STM150	TFS450	TFS450	CFSRO600	CFSRO600	CFSRO900
Recommended Tank Size	5 gal. drawdown	10 gal. drawdown	10 gal. drawdown	10 gal. drawdown	20 gal. drawdown	20 gal. drawdown	40 gal. drawdown
RO Production Per Hour	6.25 gals.	6.25 gals.	12.5 gals.	12.5 gals.	25 gals.	25 gals.	37.5 gals.

STM150/TSR150 Water Production Guide

Gas Steamer**



CFSRO Water Production Guide



** Initial fill requirements vary from manufacturer to manufacturer. Consult your installation manual or authorized service representative. The above chart is based on average cyclic use. Continuously running units should be addressed on a case by case basis.

Dish Machine Applications.

A beautiful, sparkling table is as important as the food itself.

warewashing

Scale build-up on nozzles can reduce operating efficiency

Chemicals are expensive and service-intensive

Handwiping is labor intensive and unsanitary

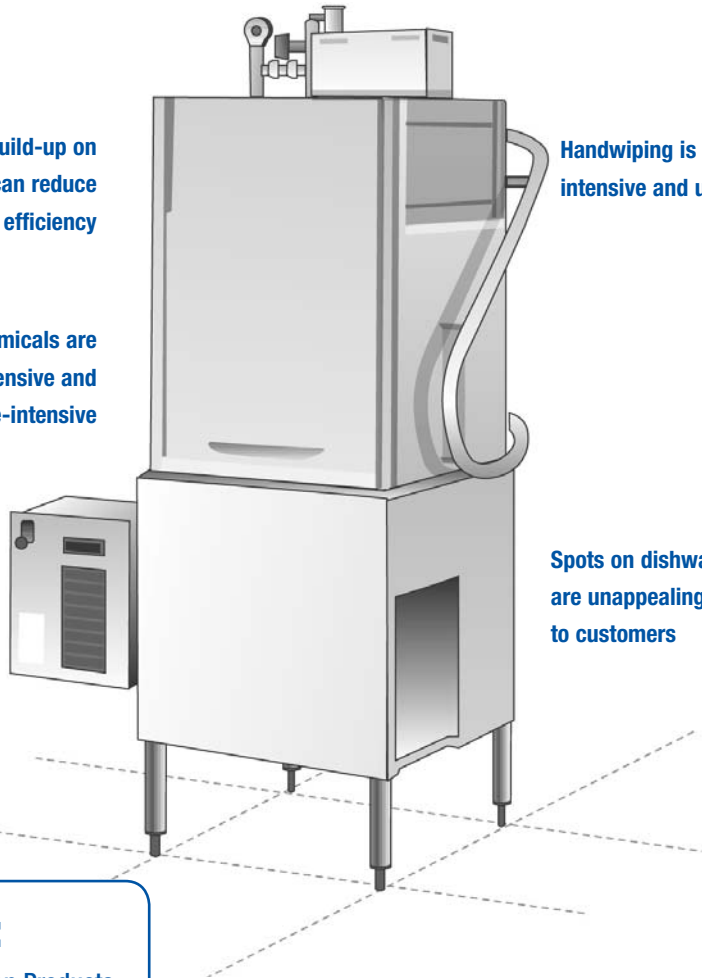
Spots on dishware are unappealing to customers

The Challenge:

Reducing spotting on dishes, glasses and flatware. Reducing scale build-up on spray nozzles.

The Solution:

The 3M™ Water Filtration Products line of HWS warewashing systems for hot water applications reduces spotting and handwiping, decreases chemical usage and reduces scale build-up.



HWS Water Treatment Systems

Designed to reduce spotting without using chemicals.

WAREWASHING

Vinylester Warewashing Systems
Incoming water at or below 150°F



Model No.	Part No. / 3M ID#	Type	Description	Service Flow	Cu. Ft. / Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC	Price/Ea.
HWS050	HWS050	16,000 grain capacity Max. temp. 150°F (65.6°C)	Vinylester resin tank 115 vac to 24 volt transformer Bypass included 3/4" FNPT connection	5 gpm (18.9 lpm)	9.9	44 lbs. (20 kg.)	1	\$2,631.97
	70020095470				00016145056079		00016145056079	
HWS100	HWS100	32,000 grain capacity Max. temp. 150°F (65.6°C)	Vinylester resin tank 115 vac to 24 volt transformer Bypass included 3/4" FNPT connection	8.5 gpm (32.2 lpm)	9.7	88 lbs. (39.9 kg.)	1	\$2,990.17
	70020095488				00016145056086		00016145056086	

Product dimensions for HWS050: 27" H x 10" D. (68.6 cm. x 25.4 cm.) Brine Tank - 26"H x 25"D (66.04 cm. x 83.82 cm.)

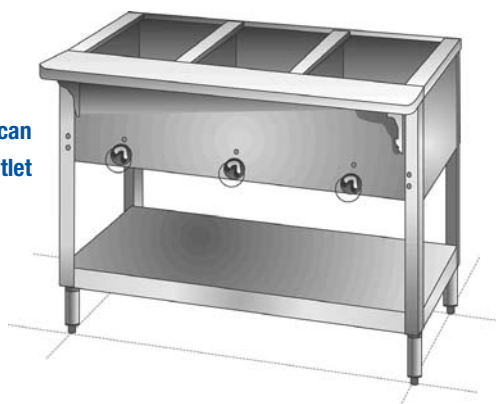
Product dimensions for HWS100: 48" H x 10" D. (121.9 cm. x 25.4 cm.) Brine Tank - 26"H x 25"D. (66.04 cm. x 83.82 cm.)

Steam is 100% water.

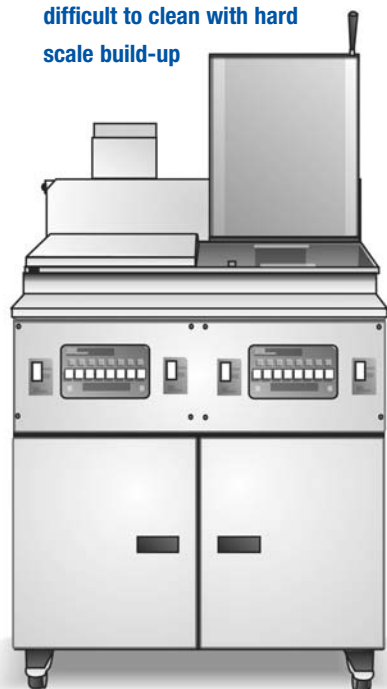
Steam tables and rethermalizers
are key to an efficient kitchen.

steam tables

Shards of scale can
block drain outlet



Stainless steel
compartments are more
difficult to clean with hard
scale build-up



Heating tubes or
elements can become
coated with scale,
resulting in higher
energy costs and
inefficient heating

The Challenge:

Reducing the effects of hard
water on stainless steel holding
compartments and heating tubes
or elements.

The Solution:

The 3M™ Water Filtration Products line
of water softeners and polyphosphate
feeders reduce the effects of hard
scale build-up without using corrosive
agents, resulting in lower maintenance
costs and extended equipment life.

Softener and Scale Reduction Systems

Designed to reduce maintenance and increase energy
efficiency by reducing hard scale in water.

STEAM TABLES



In-line Scale Inhibition System

Model No.	Part No. / 3M ID#	Reduction Claims	Flow Rate	Capacity	Cu. Ft. / Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC	Price/Ea.
SF18-S	5607703	High temperature scale inhibition feeder system	6 gpm (22.7 lpm)	N/A	0.5	14 lbs. (6.4 kg.)	6	\$149.37
	70020135599				00016145132742		10016145132749	

Connections: 3/4" NPT inlet/outlet. Product Dimensions: 10-1/4" H x 2-3/4" W x 2-1/4" D (26 cm. x 7.0 cm. x 5.7 cm.)

Replacement Cartridge (s)*

Model No.	Part No. / 3M ID#	Reduction Claims	Flow Rate	Capacity	Cu. Ft. / Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC	Price/Ea.
HF8-S	5582106	High temperature scale inhibition	6 gpm (22.7 lpm)	N/A	0.5	11 lbs. (5 kg.)	10	\$73.04
	70020016104				00016145801785		10016145901789	

Accessory

Model No.	Part No. / 3M ID#	Description	Flow Rate	Capacity	Cu. Ft. / Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC	Price/Ea.
SF18-BRKT	36-331501	Bracket for SF18-S System	N/A	N/A	Contact Factory	Contact Factory	1	\$27.38
	70020210806				00016145197987		10016145197984	

Standard Cabinet Style Softener for Hardness Reduction

1" Connection - Electronic Meter



Model No.	Part No. / 3M ID#	Description	Flow Rate	Capacity	Cu. Ft. / Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC	Price/Ea.
FSCWS034ME-CAB	FSCWS034ME-CAB	0.34 cu. Ft. 9,750 grain capacity Electronic metered	1 gpm (3.8 lpm)	1.6 gpm (6.1 lpm)	2.6	45 lbs. 20.4 kg.)	1	\$1,902.90
	70020152370				00016145147005		00016145147005	

High Flow Sediment Filtration.

Targeted systems for
water treatment at point-of-use
and point-of-entry

backwash systems



The Application:

When incoming water quality exceeds 0.5 NTU. When particles over 18 micron represent greater than 40% of total particle count.

The Benefits:

Could result in significant reduction in maintenance calls. Could lower yearly operating costs. Allows equipment to operate more consistently and efficiently.

BACKWASH SYSTEMS

Standard Backwash Systems

For flow rates from 5 - 7 gpm (18.9 - 26.5 lpm)



Model No.	Part No. / 3M ID#	Type	Service Flow Rate	Peak Flow Rate	Cu. Ft. / Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC	Price/Ea.
CFS101BWF	5600201	1.0 cu. ft., bypass valve Mechanical time clock	5 gpm (18.9 lpm)	8 gpm (30.3 lpm)	6.5	62 lbs (28.1 kg.)	1	\$1,610.54
	70020103878				00016145063831		00016145063831	
CFS201BWF	5600203	2.0 cu. ft., bypass valve Mechanical time clock	7 gpm (26.5 lpm)	12 gpm (45.4 lpm)	6.8	73 lbs (33.1 kg.)	1	\$2,049.95
	70020006030				00016145001550		00016145001550	

CFS101BWF Connections: 1" NPT inlet/outlet. Product dimensions for CFS101BWF: 52" H x 18" D (132 cm. x 46 cm.)

CFS201BWF Connections: 1" NPT inlet/outlet. Product dimensions for CFS201BWF: 56" H x 18" D (142 cm. x 46 cm.)

Accessories

Model No.	Part No. / 3M ID#	Type	Qty. Rec'd	Cu. Ft. / Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC	Price/Ea.
SWC-1X24	SWC-1X24	1" x 24" Stainless Steel braided hose flow connector	2	Contact Factory	Contact Factory	1	\$99.19
	70020179191			00016145173691		00016145173691	

All systems above require media

Model No.	Part No. / 3M ID#	Type	Description	Cu. Ft. / Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC	Price/Ea.
ML media	ML-050P	BWF media 0.5 cu. ft.	Multi-layered graded density media	1.1	15 lbs (6.8 kg.)	1	Call for price
	70020052018			00092498003649		10092498003646	
A media	A-050P	BWF media 0.5 cu. ft.	Activated carbon	Contact Factory	Contact Factory	1	Call for price
	70020092139			00016145052910		00016145052910	
N media	N-050P	BWF media 0.5 cu. ft.	Specific blend for highly acidic water	1.1	51 lbs (23.1 kg.)	1	Call for price
	70020097955			00092498003625		10092498003622	

Targeted systems for
water treatment at point-of-entry
and point-of-use

microbiological



The Application:

When free chlorine levels are below 0.5 ppm. Private well supplies in commercial applications feeding over 25 people.

The Benefits:

Provides consistent chlorine residual in potable water lines. Helps provide consistent sanitization. Helps reduce biofilm build-up. Can be used on all incoming water supplies.

MICROBIOLOGICAL

Chlorination and UV Systems for Microbiological Reduction



Model No.	Part No. / 3M ID#	Description	Cu. Ft. / Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC	Price/Ea.
APMP100	APMP100	Chemical metering pump with speed control	0.6	10 lbs (4.5 kg.)	1	Call for price
	70020041391		00016145019265		00016145019265	
APMP200	89-3430019	Chemical metering pump with speed and stroke control	Call Factory	Call Factory	1	Call for price
	70020030766		00016145017377		00016145017377	
APSL Tank	APSLTank	15 gallon solution tank	3.4	8 lbs (3.6 kg.)	1	Call for price
	70020047364		00016145020612		00016145020612	

Product Dimensions for APMP: Consult factory.

Ultraviolet Systems



Model No.	Part No. / 3M ID#	Type	Description	Flow Rate	Cu. Ft. / Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC	Price/Ea.
CFSUV-3	5608301	60,000 µw. sec/cm² at end of life	304 stainless steel reactor chamber, quartz sleeve	2.5 gpm (9.5 lpm)	0.4	7 lbs (3.2 kg.)	1	\$759.40
	70020019199				00016145008443		00016145008443	
Replacement Parts for CFSUV-3								
Model No.	Part No. / 3M ID#	Type	Qty. Req'd		Cu. Ft. / Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC	Price/Ea.
Repl't Lamp	5605835	Replacement Lamp with O-rings	1		Contact Factory	Contact Factory	1	Call for Price
	70020018894				00016145107627		10016145900621	
Quartz Sleeve	5605836	Quartz Sleeve with O-rings	1		Contact Factory	Contact Factory	1	Call for Price
	70020018902				00016145107634		10016145900638	
Ballast (110 V)	5605859	Ballast	1		Contact Factory	Contact Factory	1	Call for Price
	70020018951				00016145008306		00016145008306	
Ballast (220 V)	5605867	Ballast (220v)	1		Contact Factory	Contact Factory	1	Call for Price
	70020018951				00016145008306		00016145008306	

Connections: 3/4" MNPT inlet/outlet. Product Dimensions: 2-1/2"H x 2 -1/2"W x 21"L (6.4 cm. x 6.4 cm. x 53.3 cm.)
For 220V/50 Hz, order 5608302

Model No.	Part No. / 3M ID#	Type	Description	Flow Rate	Cu. Ft. / Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC	Price/Ea.
CFSUV-5	5574801	60,000 uw. sec/cm² at end of life	304 stainless steel reactor chamber, quartz sleeve	5 gpm (18.9 lpm)	1	10 lbs (4.5 kg.)	1	\$1,084.22
	70020126374				00016145123429		10016145123426	
Replacement Parts for CFSUV-5								
Model No.	Part No. / 3M ID#	Type	Qty. Req'd		Cu. Ft. / Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC	Price/Ea.
Repl't Lamp	5605837	Replacement Lamp with O-rings	1		Contact Factory	Contact Factory	1	Call for Price
	70020018910				00016145107641		10016145900652	
Quartz Sleeve	5605838	Quartz Sleeve with O-rings	1		Contact Factory	Contact Factory	1	Call for Price
	70020018928				00016145107658		10016145900669	
Ballast (110 V)	5605859	Ballast (110 V)	1		Contact Factory	Contact Factory	1	Call for Price
	70020018951				00016145008306		00016145008306	
Ballast (220 V)	5605867	Ballast (220 V)	1		Contact Factory	Contact Factory	1	Call for Price
	70020018951				00016145008306		00016145008306	

Connections: 3/4" MNPT inlet/outlet. Product Dimensions: 2-1/2"H x 2 1/2"W x 35"L (6.4 cm. x 6.4 cm. x 88.9 cm.)
For 220V/50 Hz, order 5574802

Water Heaters, Rethermalizers, Steam Table Applications.

Targeted systems for water treatment
at point-of-entry and point-of-use.

water softeners

The Application:

When incoming water conditions
are over 10 gpg as CaCO_3 (calcium
hardness).

The Benefits:

Reduces scale build-up. Can
provide more consistent
performance in hot water
heaters. Makes cleaning
solutions mixed with water
more effective.



WATER SOFTENERS



Cabinet Style Softener - 1" connection - Electronic Metered

Model No.	Part No. / 3M ID#	Type	Service Flow Rate	Peak Flow Rate / Prod. Box UPC	Ship Wt.	Case Qty. / Master Ctn UPC	Price/Ea.
FSCWS034ME-CAB	FSCWS034ME-CAB	0.34 cu. Ft. 9,750 grain capacity* Electronic metered time clock	1.6 gpm (6.1 lpm)	2.6 gpm (9.8 lpm)	45 lbs. (20.4 kg.)	1	\$1,902.90
	70020152370			00016145147005		00016145147005	

Hardness Reduction

Standard Systems* for flow rates between 7-13.5 gpm (26.5 - 51.1 lpm) with 1" connections



Model No.	Part No. / 3M ID#	Type	Service Flow Rate	Peak Flow Rate / Prod. Box UPC	Ship Wt.	Case Qty. / Master Ctn UPC	Price/Ea.
CFS100WS	5600002	1.0 cu. ft./ 30,000 grain capacity* Mechanical time clock	7 gpm (26.5 lpm)	9.0 gpm (34.1 lpm)	88 lbs (39.9 kg.)	1	2,089.05
	70020103787			00016145063749		00016145063749	
CFSM1254	CFSM1254	2.5 cu. ft./ 46,500 grain capacity* Electronic metered time clock	9 gpm (34.1 lpm)	10 gpm (37.9 lpm)	233 lbs (105.7 kg.)	1	\$2,467.89
	70020220896			00016145220159		10016145220156	

Accessory

Model No.	Part No. / 3M ID#	Type	Qty. Rec'd	Cu. Ft. / Prod. Box UPC	Ship Wt.	Case Qty. / Master Ctn UPC	Price/Ea.
SWC-1X24	SWC-1X24	1" x 24" Stainless Steel braided hose flow connector	2	contact factory	contact factory	1	\$99.19
	70020179191			00016145173691		00016145173691	

Note: Prices include brine tanks.

* Grain capacity rated 15 lbs. (6.8 kg) of salt per cubic foot.

HEADS, MANIFOLDS, FLUSH KITS

High Flow Series, Valve-in-Head

Model No.	Part No. / 3M ID#	Description / Prod. Box UPC	Ship Wt.	Case Qty. / Master Ctn UPC	Price/Ea.
VH3-NPT	6213001	3/8" FNPT, Valve-in-Head, with Shroud, Gauge	9.9 lbs. (4.5 kg.)	12	\$205.09
	70020021112	00016145802164		10016145902168	
VH3-NPT	6213003	3/8" FNPT, Valve-in-Head, with Shroud and plug	9.9 lbs. (4.5 kg.)	12	\$109.28
	70020021120	00016145802171		10016145902175	
VH3-NPT	6213009	3/8" FNPT, Valve-In-Head	9.9 lbs. (4.5 kg.)	12	\$88.07
	70020144286	00016145802034		10016145902038	
VH3-NPT	6213036	3/8" FNPT, Fixed Flow Control Head for DWS160-L (not compatible with VH3 style products) Valve-In-Head, with shroud	9.9 lbs. (4.5 kg.)	12	\$110.00
	70020282896	00016145265242		50016145265247	

Shipping Dimensions: 5"H x 23.5"W x 19"D (12.7 x 60.0 x 48.3 cm.) . Cubic Feet: Contact Factory.

High Flow Series, 5 gpm Head

Model No.	Part No. / 3M ID#	Description / Prod. Box UPC	Ship Wt.	Case Qty. / Master Ctn UPC	Price/Ea.
NH3-1/2NPT	6214413	1/2" FNPT with Gauge	9.9 lbs. (4.5 kg.)	12	\$178.26
	70020144294	00016145141102		10016145141109	
NH3-1/2NPT	6214417	1/2" FNPT with Plugged Gauge Port	9.9 lbs. (4.5 kg.)	12	\$82.47
	70020144310	00016145141126		10016145141123	
NH3-1/2NPT	6214415	1/2" FNPT	9.9 lbs. (4.5 kg.)	12	\$76.54
	70020144302	00016145141119		10016145141116	

Shipping Dimensions: 5"H x 23.5"W x 19"D (12.7 x 60.0 x 48.3 cm.) . Cubic Feet: Contact Factory.

High Flow Series Manifold Assemblies

All Manifold Assemblies include shut-off valve and pressure gauge

Twin Manifold Assembly

Model No.	Part No. / 3M ID#	Description / Prod. Box UPC	Ship Wt.	Case Qty. / Master Ctn UPC	Price/Ea.
TWIN MANIFOLD (2XX)	6228505	3/4" MNPT, Dual Head, Parallel Flow	Contact Factory	1	\$727.15
	70020229442	00016145210976		00016145210976	

Shipping Dimensions: Contact Factory

Triple Manifold Assembly

TRIPLE MANIFOLD (3XX)	6228405	3/4" MNPT, Triple Head, Parallel Flow	8.6 lbs. (3.9)	1	\$965.19
	70020228980	00016145210518		00016145210518	

Shipping Dimensions: Contact Factory

Dual Port- Single Manifold Assembly

DUAL PORT SINGLE MANIFOLD	6228603	3/4" MNPT Inlet/Outlets, Single Head, Dual Outlets	7.5 lbs. (3.4)	1	\$701.07
	70020228139	00016145209642		00016145209642	

Shipping Dimensions: Contact Factory

Dual Port - Twin Manifold Assembly

DUAL PORT TWIN MANIFOLD (DP2XX)	6228503	3/4" MNPT Inlet/Outlets, Dual Head, Dual Outlets	9.6 lbs. (4.4)	1	\$935.73
	70020229434	00016145210969		00016145210969	

Shipping Dimensions: Contact Factory

Dual Port - Triple Manifold Assembly

DUAL PORT TRIPLE MANIFOLD (DP3XX)	6228403	3/4" MNPT Inlet/Outlets, Triple Head, Dual Outlets	8.7 lbs. (3.9)	1	\$1,161.19
	70020229426	00016145210952		00016145210952	

Shipping Dimensions: Contact Factory

SF Single Manifold Assembly

SCALE FEEDER SINGLE MANIFOLD (SF1XX)	6228601	3/4" NPTF Inlet/Outlet, Single Head	Contact Factory	1	\$693.83
	70020228121	00016145209635		00016145209635	

Shipping Dimensions: Contact Factory

Please refer to Replacement cartridges section for replacement filter cartridges.

HEADS, MANIFOLDS, FLUSH KITS-Continued

Dual Flow-Single Manifold Assembly



Model No.	Part No. / 3M ID#	Description / Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC	Price/Ea.
DUAL FLOW MANIFOLD (DF1XX)	6228501	3/4" MNPT Inlet & Outlets to Beverage and Ice	7.3 lbs. (3.3)	1	\$772.50
	70020228451	00016145209963		00016145209963	

Shipping Dimensions: Contact Factory

Dual Flow - Twin Manifold Assembly



DUAL FLOW MANIFOLD (DF2XX)	6228401	3/4" MNPT Inlet & Outlets to Beverage & Ice	9.1 lbs. (4.1)	1	\$945.08
	70020228444	00016145209956		00016145209956	

Shipping Dimensions: Contact Factory



SH-EXP	6235201	Add On Expansion Head – Increases capacity by turning a Twin Manifold System into a Triple, Triple Manifold System into a Quad , Single Scale Feeder Manifold System into a Twin, Single Dual Port Manifold System into a Twin, A Twin Dual Port Manifold System into a Triple and a Triple Dual Port Manifold System into a Quad and Single Dual Flow System into a Twin and a Twin Dual Flow Manifold into a Triple Dual Flow Manifold System	Contact Factory	1	\$234.65
	70020286095	00016145268076		00016145268076	

Flush Valve Kits

Model No.	Part No. / 3M ID#	Description / Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC	Price/Ea.
VH3 Flush Valve Kit	6216505	VH3 Flush Valve Kit with 3/8" NPT Connections	Contact Factory	1	\$50.46
	70020197862	00016145185793		00016145185793	
Model No.	Part No. / 3M ID#	Description / Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC	Price/Ea.
NH3 Flush Valve Kit	6216503	NH3 Flush Valve Kit with 1/2" Connections	Contact Factory	1	\$54.25
	70020160589	00016145155208		00016145155208	
Model No.	Part No. / 3M ID#	Description / Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC	Price/Ea.
High Flow Manifold Flush Kit	5606502	High Flow Series, Manifold Flush Kit with 3/4" Connections	Contact Factory	1	\$59.92
	70020269133	00016145251764		00016145251764	

Please refer to Replacement cartridges section for replacement filter cartridges.

MISCELLANEOUS PARTS FOR HIGH FLOW SERIES MANIFOLDS

Accessories

Model No.	Part No. / 3M ID#	Type	Flow Rate	Cu. Ft. / Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC	Price/Ea.
1/2" Shut-off Ball Valve Kit	6216501	Kit-1/2" NPT Shut-off for NH3 Head	N/A	Contact Factory	Contact Factory	12	\$26.83
	70020144336			00016145141140		00016145141140	
Model No.	Part No. / 3M ID#	Type	Flow Rate	Cu. Ft. / Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC	Price/Ea.
Pressure Gauge	8500556	Pressure Gauge for NH3 & VH3 Heads, 1/8" NPT (Lower Mount)	N/A	Contact Factory	Contact Factory	1	\$95.79
	70020282920	00016145265280		00016145265280		00016145265280	
Model No.	Part No. / 3M ID#	Type	Flow Rate	Cu. Ft. / Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC	Price/Ea.
Pressure Gauge	8500555	Inlet Pressure Gauge for High Flow Multiple Head Manifolds, 1/4" NPT (Lower Mount)	N/A	Contact Factory	Contact Factory	1	\$95.79
	70020285253			00016145267277		00016145267277	

High Flow Manifold Connectors

Model No.	Part No. / 3M ID#	Type	Flow Rate	Cu. Ft. / Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC	Price/Ea.
Double Ended Connector w/ Gauge Port	85-8526	Double Ended Connector with 3/8" FNPT Gauge Port (O-rings not included)	N/A	Contact Factory	Contact Factory	1	Call for Price
	70020248533			00016145231551		10016145231558	
Model No.	Part No. / 3M ID#	Type	Flow Rate	Cu. Ft. / Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC	Price/Ea.
Male NPT Adapter	85-8522	3/4" Male NPT Adapter (O-ring not included)	N/A	Contact Factory	Contact Factory	1	Call for Price
	70020284009			00016145266287		00016145266287	
Model No.	Part No. / 3M ID#	Type	Flow Rate	Cu. Ft. / Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC	Price/Ea.
Double Ended Connector	85-8525	Double Ended Connector (O-ring not included)	N/A	Contact Factory	Contact Factory	1	Call for Price
	70020284165			00016145266409		00016145266409	
Model No.	Part No. / 3M ID#	Type	Flow Rate	Cu. Ft. / Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC	Price/Ea.
Plug	85-8527	Plug (O-ring not included)	N/A	Contact Factory	Contact Factory	1	Call for Price
	70020248749			00016145232244		00016145232244	
Model No.	Part No. / 3M ID#	Type	Flow Rate	Cu. Ft. / Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC	Price/Ea.
Ball Valve	60-235280	3/4" FNPT Ball Valve	N/A	Contact Factory	Contact Factory	1	Call for Price
	70020284132			00016145266379		00016145266379	
Model No.	Part No. / 3M ID#	Type	Flow Rate	Cu. Ft. / Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC	Price/Ea.
O-ring	63597320	O-ring	N/A	Contact Factory	Contact Factory	1	Call for Price
	70020248715			00016145232213		00016145232213	

DROP-IN STYLE FILTRATION SYSTEM

Large Diameter High Flow Housings*

Model No.	Part No. / 3M ID#	Housing Type	Style	Cu. Ft. / Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC	Price/Ea.
CFS22	5606704	20" length, mounting bracket included	up to 60 gpm (up to 227.1 lpm)	2.6	18 lbs. (8.2 kg.)	2	\$211.74
	70020007921			00016145075452		10016145075459	
Model No.	Part No. / 3M ID#	Housing Type	Style	Cu. Ft. / Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC	Price/Ea.
CFS22-1.5	5606705	20" length, mounting bracket included	up to 60 gpm (up to 227.1 lpm)	2.6	18 lbs. (8.2 kg.)	2	\$216.31
	70020007921			00016145071775		10016145071772	

* Housings do not include cartridges or pressure gauges.

Please refer to Replacement cartridges section for replacement filter cartridges.



DROP-IN STYLE FILTRATION SYSTEM

**Single Systems***

For 9-3/4" cartridges NOTE: Gauge kits sold separately

Model No.	Part No. / 3M ID#	Housing Type	Style	Cu. Ft. / Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC	Price/Ea.
CFS11S	5558803	Opaque	Non-valved head	1.7	13 lbs. (5.9 kg.)	4	\$146.23
	70020015072			00016145073571		10016145073578	
CFS11T	5558802	Transparent	Non-valved head	1.7	13 lbs. (5.9 kg.)	4	\$186.58
	70020117084			00016145114311		10016145114318	
CFS01S	5557503	Opaque Mounting Bracket and Reducing Bushing Included	Valved head	1.5	18 lbs. (8.2 kg.)	4	\$223.39
	70020115641			00016145800962		10016145900966	
CFS01T	5557506	Transparent Mounting Bracket and Reducing Bushing Included	Valved head	1.5	18 lbs. (8.2 kg.)	4	\$294.14
	70020143155			00016145140198		10016145140195	

**Single Systems***

For 19-1/2" cartridges NOTE: Gauge kits sold separately

Model No.	Part No. / 3M ID#	Housing Type	Style	Cu. Ft. / Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC	Price/Ea.
CFS12T	5558902	Transparent	Non-valved head	0.8	9 lbs. (4.1 kg.)	2	\$279.08
	70020015130			00016145073632		10016145073639	
CFS12S	5558903	Opaque	Non-valved head	0.8	9 lbs. (4.1 kg.)	2	\$200.42
	70020260405			00016145243479		10016145243476	
CFS02S	5557609	Opaque Mounting Bracket and Reducing Bushing Included	Valved head	0.8	9 lbs. (4.1 kg.)	2	\$314.91
	70020015007			00016145073519		10016145073516	
CFS02T	5557610	Transparent Mounting Bracket and Reducing Bushing Included	Valved head	0.8	9 lbs. (4.1 kg.)	2	\$315.83
	70020143163			00016145140204		10016145140201	

* Housings do not include cartridges or pressure gauges.

Please refer to Replacement cartridges section for replacement filter cartridges.

REPLACEMENT CARTRIDGES

High Flow Series, Standard - Large Diameter

Model No.	Part No. / 3M ID#	Micron/ Reduction Claims	Flow Rate	Capacity	Cu. Ft.	Shipping Dims / Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC	Price/Ea.
HF95	5613507	3 micron; sediment, chlorine taste & odor reduction	5 gpm (18.9 lpm)	54,000 gals. (204,412 lit.)	0.4	28" x 4-7/8" x 4-7/8" (71.1 cm. x 12.4 cm. x 12.4 cm)	5 lbs. (2.3 kg.)	1	\$334.35
	70020020171					00016145801570		10016145901574	
HF95-CL	5627302	5 micron, Sediment, Chloramines, Chlorine taste & odor	2.5gpm (9.5 lpm)	30,000 gal (113,550 liters)	Contact Factory	Contact Factory	Contact Factory	1	\$377.67
	70020020171					00016145266058		10016145901574	
HF95-S	5613509	3 micron; sediment, chlorine taste & odor, scale inhibitor	5 gpm (18.9 lpm)	54,000 gals. (204,412 lit.)	0.4	28" x 4-7/8" x 4-7/8" (71.1 cm. x 12.4 cm. x 12.4 cm)	5 lbs. (2.3 kg.)	1	\$345.07
	70020121433					00016145801600		10016145901604	
HF95-S-SR	5613527	5 micron, sediment, scale inhibitor	7 gpm (26.5 lpm)	N/A	Contact Factory	28" x 4-7/8" x 4-7/8" (71.1 cm. x 12.4 cm. x 12.4 cm)	5 lbs. (2.3 kg.)	1	\$285.98
	Contact Factory					Contact Factory		Contact Factory	
HF95-S-SR5	5613525	5 micron, sediment, scale inhibitor	7 gpm (26.5 lpm)	N/A	Contact Factory	28" x 4-7/8" x 4-7/8" (71.1 cm. x 12.4 cm. x 12.4 cm)	5 lbs. (2.3 kg.)	1	\$285.98
	Contact Factory					Contact Factory		Contact Factory	
HF65	5613407	3 micron; sediment, chlorine taste & odor reduction	3.34 gpm (12.6 lpm)	35,000 gals. (132,489 lit.)	0.3	22" x 4-7/8" x 4-7/8" (55.9 cm. x 12.4 cm. x 12.4 cm)	3.4 lbs. (1.5 kg.)	1	\$224.11
	70020115476					00016145801525		10016145901529	
HF65-S	5613409	3 micron; sediment, chlorine taste & odor, scale inhibitor	3.34 gpm (12.6 lpm)	35,000 gals. (132,489 lit.)	0.3	22" x 4-7/8" x 4-7/8" (55.9 cm. x 12.4 cm. x 12.4 cm)	3.4 lbs. (1.5 kg.)	1	\$234.87
	70020020130					00016145801556		10016145901550	
HF65-S-SR	5613453	5 micron; sediment, scale inhibitor	5 gpm (18.9 lpm)	N/A	0.3	22" x 4-7/8" x 4-7/8" (55.9 cm. x 12.4 cm. x 12.4 cm)	3.4 lbs. (1.5 kg.)	1	\$194.65
	Contact Factory					Contact Factory		Contact Factory	
HF65-S-SR5	5613451	5 micron; sediment, scale inhibitor	5 gpm (18.9 lpm)	N/A	0.3	22" x 4-7/8" x 4-7/8" (55.9 cm. x 12.4 cm. x 12.4 cm)	3.4 lbs. (1.5 kg.)	1	\$194.65
	Contact Factory					Contact Factory		Contact Factory	
HF45	5613307	3 micron; sediment, chlorine taste & odor reduction	2.1 gpm (7.9 lpm)	25,000 gals. (94,635 lit.)	0.8	10-1/2" x 5-1/2" x 23-1/4" (26.7 cm. x 14 cm. x 59.1 cm)	5 lbs. (2.3 kg.)	2	\$169.42
	70020115468					00016145801471		10016145901475	
HF45-S	5613309	3 micron; sediment, chlorine taste & odor, scale inhibitor	2.1 gpm (7.9 lpm)	25,000 gals. (94,635 lit.)	0.8	10-1/2" x 5-1/2" x 23-1/4" (26.7 cm. x 14 cm. x 59.1 cm)	5 lbs. (2.3 kg.)	2	\$174.10
	70020121425					00016145801501		10016145901505	
HF45-S-SR	5613346	5 micron; sediment, scale inhibitor	3.5 gpm (13.2 lpm)	N/A	0.8	10-1/2" x 5-1/2" x 23-1/4" (26.7 cm. x 14 cm x 59.1 cm)	5 lbs. (2.3 kg.)	2	\$144.29
	Contact Factory					Contact Factory		Contact Factory	
HF45-S-SR5	5613344	5 micron; sediment, scale inhibitor	3.5 gpm (13.2 lpm)	N/A	0.8	10-1/2" x 5-1/2" x 23-1/4" (26.7 cm x 14 cm x 59.1 cm)	5 lbs. (2.3 kg.)	2	\$144.29
	Contact Factory					Contact Factory		Contact Factory	

Standard- Extended, Standard, 6" and 4" lengths

HF35	5615205	1 micron; sediment, chlorine taste & odor reduction	1.67 gpm (6.3 lpm)	12,600 gals. (47,696 lit.)	1.8	10-1/2" x 10-1/2" x 28-1/4" (26.7 cm. x 26.7 cm. x 71.8 cm)	9 lbs. (4.1 kg.)	4	\$112.32
	70020043090					00016145801464		10016145901468	
HF35-S	5615207	1 micron; sediment, chlorine taste & odor, scale inhibitor	1.67 gpm (6.3 lpm)	12,600 gals. (47,696 lit.)	1.8	10-1/2" x 10-1/2" x 28-1/4" (26.7 cm. x 26.7 cm. x 71.8 cm)	9 lbs. (4.1 kg.)	4	\$120.78
	70020114156					00016145801440		10016145901444	
HF35-MS	5615211	1 micron; sediment, chlorine taste & odor, scale inhibitor	1.67 gpm (6.3 lpm)	12,600 gals. (47,696 lit.)	1.8	10-1/2" x 10-1/2" x 28-1/4" (26.7 cm. x 26.7 cm. x 71.8 cm)	9 lbs. (4.1 kg.)	4	\$124.04
	70020043108					00016145802027		10016145902021	

HF25	5615201	1 micron; sediment, chlorine taste & odor reduction	1.5 gpm (5.7 lpm)	10,000 gals. (37,854 lit.)	2.2	15-1/4" x 10-1/2" x 23-1/4" (38.7 cm. x 26.7 cm. x 59.1 cm)	10 lbs. (4.5 kg.)	6	\$90.17
	70020020619					00016145801402		10016145901406	
HF27	5615227	5 micron; sediment, chlorine taste & odor reduction	1.5 gpm (5.7 lpm)	4800 gals. (18,170 lit.)	2.2	15-1/4" x 10-1/2" x 23-1/4" (38.7 cm. x 26.7 cm. x 59.1 cm)	25 lbs (11.3 kg.)	6	\$72.04
	70020154475					00016145149092		10016145149099	
HF25-S	5615203	1 micron; sediment, chlorine taste & odor, scale inhibitor	1.5 gpm (5.7 lpm)	10,000 gals. (37,854 lit.)	2.2	15-1/4" x 10-1/2" x 23-1/4" (38.7 cm. x 26.7 cm. x 59.1 cm)	10 lbs. (4.5 kg.)	6	\$99.57
	70020020627					00016145801426		10016145901420	
HF25-S-SR	5615240	5 micron, sediment, scale inhibitor	2 gpm (7.6 lpm.)	N/A	Contact Factory	15-1/4" x 10-1/2" x 23-1/4" (38.7 cm x 26.7 cm x 59.1 cm)	10 lbs. (4.5 kg.)	6	\$91.41
	Contact Factory					Contact Factory		Contact Factory	
HF25-S-SR5	5615238	5 micron, sediment, scale inhibitor	2 gpm (7.6 lpm)	N/A	Contact Factory	15-1/4" x 10-1/2" x 23-1/4" (38.7 cm x 26.7 cm x 59.1 cm)	10 lbs. (4.5 kg.)	6	\$91.41
	Contact Factory					Contact Factory		Contact Factory	
HF27-S	5615231	5 micron; sediment, chlorine taste & odor, scale inhibitor	1.5 gpm (5.7 lpm)	4800 gals. (18,170 lit.)	2.2	15-1/4" x 10-1/2" x 23-1/4" (38.7 cm. x 26.7 cm. x 59.1 cm)	25 lbs (11.3 kg.)	6	\$88.22
	70020201995					00016145189753		10016145189750	
HF25-MS	5615209	1 micron; sediment, chlorine taste & odor, scale inhibitor	1.5 gpm (5.7 lpm)	10,000 gals. (37,854 lit.)	2.2	15-1/4" x 10-1/2" x 23-1/4" (38.7 cm. x 26.7 cm. x 59.1 cm)	10 lbs. (4.5 kg.)	6	\$102.82
	70020020635					00016145802003		10016145902007	

REPLACEMENT CARTRIDGES - CONTINUED

Standard- Extended, Standard, 6" and 4" lengths

Model No.	Part No. / 3M ID#	Micron/ Reduction Claims	Flow Rate	Capacity	Cu. Ft	Shipping Dims / Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC	Price/Ea.
HF05-MS	5609327	1 micron; sediment, chlorine taste & odor, scale inhibitor	0.75 gpm (2.8 lpm)	1,500 gals. (5,678 lit.)	1.9	20-3/8" x 10-1/2" x 15-3/4" (51.8 cm. x 26.7 cm. x 40.0 cm)	7.5 lbs. (3.4 kg.)	8	\$69.14
	70020044312					00016145801969		10016145901963	
HF15-MS	5609331	5 micron; sediment, chlorine taste & odor, scale inhibitor	1.0 gpm (3.8 lpm)	3,500 gals. (13,249 lit.)	1.9	20-3/8" x 10-1/2" x 15-3/4" (51.8 cm. x 26.7 cm. x 40.0 cm)	10 lbs. (4.5 kg.)	8	\$87.15
	70020044320					00016145801983		10016145901987	
HF8-S	5582106	Scale inhibitor cartridge for SF series systems	6.0 gpm (22.7 lpm)	N/A	5.7	10-1/4" x 2-3/4" x 2-1/4" (26.0 cm. x 7.0 cm. x 5.7 cm)	11 lbs. (5 kg.)	10	\$73.04
	70020016104					00016145801785		10016145901789	

Standard Scale Reduction Cartridges

PS114	5610909	Softening, chlorine taste & odor	0.5 gpm (1.9 lpm)	700 grains	2.2	15-1/4" x 10-1/2" x 23-1/4" (38.7 cm. x 26.7 cm. x 59.1 cm)	18 lbs. (8.2 kg.)	6	\$75.95
	70020044338					00016145802706		10016145902700	
PS124	5610907	Softening, chlorine taste & odor	0.5 gpm (1.9 lpm)	1,100 grains	1.8	10-1/2" x 10-1/2" x 28-1/4" (26.7 cm. x 26.7 cm. x 71.8 cm)	16 lbs. (7.3 kg.)	4	\$94.65
	70020019892					00016145801860		10016145901864	
PS195	5615013	Softening, chlorine taste & odor	1. gpm (3.8 lpm)	4,350 grains	1.8	Contact Factory	Contact Factory	1	\$224.30
	70020244904					00016145232350		00016145232350	
P124BN	5610901	Hard scale reduction, chlorine taste & odor w/ blending	0.5 gpm (1.9 lpm)	422.6 gals. (1,600 lit.) @ 10.5 gpg hardness	1.8	10-1/2" x 10-1/2" x 28-1/4" (26.7 cm. x 26.7 cm. x 71.8 cm)	16 lbs. (7.3 kg.)	4	\$167.65
	70020019876					00016145801624		10016145901628	
P165BN	5615601	Hard scale reduction, chlorine taste & odor w/ blending	1.0 gpm (3.8 lpm)	719 gals. (2,722 lit.) @ 9.0 gpg hardness	0.3	22" x 4-7/8" x 4-7/8" (55.9 cm. x 12.4 cm. x 12.4 cm)	5 lbs. (2.3 kg.)	1	\$257.08
	70020020692					00016145801631		10016145901635	
P195BN	5615001	Hard scale reduction, chlorine taste & odor w/ blending	1.0 gpm (3.8 lpm)	1,200 gals. (4,542 lit.) @ 9 gpg hardness	0.4	28" x 4-7/8" x 4-7/8" (71.1 cm. x 12.4 cm. x 12.4 cm)	7.9 lbs. (3.6 kg.)	1	\$311.46
	70020020544					00016145801648		10016145901642	

REPLACEMENT CARTRIDGES - CONTINUED**Cyst Rated- Large Diameter**

Model No.	Part No. / 3M ID#	Micron/ Reduction Claims	Flow Rate	Capacity	Cu. Ft.	Shipping Dims / Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC	Price/Ea.
HF90	5613503	0.2 micron; bacteria ² , bacteriostatic, sediment, chlorine taste & odor, turbidity, cyst ¹	5 gpm (18.9 lpm)	54,000 gals. (204,412 lit.)	0.4	28" x 4-7/8" x 4-7/8" (71.1 cm. x 12.4 cm. x 12.4 cm)	5 lbs. (2.3 kg.)	1	\$352.92
	70020020155					00016145801587		10016145901581	
HF90-S	5613505	0.2 micron; bacteria, bacteriostatic, sediment, chlorine taste & odor, cyst, turbidity, scale	5 gpm (18.9 lpm)	54,000 gals. (204,412 lit.)	0.4	28" x 4-7/8" x 4-7/8" (71.1 cm. x 12.4 cm. x 12.4 cm)	5 lbs. (2.3 kg.)	1	\$363.66
	70020020163					00016145801617		10016145901611	
HF90-CL	5613501	0.2 micron; bacteria ² , bacteriostatic, sediment, chloramine, chlorine taste & odor, turbidity, cyst ¹	1.33 gpm (5.0 lpm)	12,500 gals. (47,318 lit.)	0.4	28" x 4-7/8" x 4-7/8" (71.1 cm. x 12.4 cm. x 12.4 cm)	5 lbs. (2.3 kg.)	1	\$387.57
	70020020148					00016145801617		10016145901611	
HF90-S-SR	5617105	0.2 micron; bacteria ² , bacteriostatic, sediment, cyst ¹ , scale inhibitor	5 gpm (18.9 lpm)	N/A	0.4	28" x 4-7/8" x 4-7/8" (71.1 cm. x 12.4 cm. x 12.4 cm)	5 lbs. (2.3 kg.)	1	\$414.81
	70020020767					00016145801594		10016145901598	
HF90-S-SR5	5617107	0.2 micron; bacteria ² , bacteriostatic, sediment, cyst ¹ , scale inhibitor for DF1XX/DF2XX	5 gpm (18.9 lpm)	N/A	0.4	28" x 4-7/8" x 4-7/8" (71.1 cm. x 12.4 cm. x 12.4 cm)	5 lbs. (2.3 kg.)	1	\$414.81
	70020020775					00016145802140		10016145902144	

HF60	5613403	0.2 micron; bacteria ² , bacteriostatic, sediment, chlorine taste & odor, cyst ¹ reduction	3.34 gpm (12.6 lpm)	35,000 gals. (132,489 lit.)	0.3	22" x 4-7/8" x 4-7/8" (55.9 cm. x 12.4 cm. x 12.4 cm)	3.4 lbs. (1.5 kg.)	1	\$235.24
	70020020122					00016145801532		10016145901536	
HF60-S	5613405	0.2 micron; bacteria ² , bacteriostatic, sediment, chlorine taste & odor, cyst, scale inhibitor	3.34 gpm (12.6 lpm)	35,000 gals. (132,489 lit.)	0.3	22" x 4-7/8" x 4-7/8" (55.9 cm. x 12.4 cm. x 12.4 cm)	3.4 lbs. (1.5 kg.)	1	\$246.05
	70020116706					00016145801563		10016145901567	
160-L	5613444	0.2 micron; bacteria ² , cyst ¹ , particulate, chlorine taste and odor, lead, benzene, toxaphene, p-Dichlorobenzene	2.5 gpm (9.4 lpm)	6,000 gals. (22,712 lit.)	0.3	22" x 4-7/8" x 4-7/8" (55.9 cm. x 12.4 cm. x 12.4 cm)	3.4 lbs. (1.5 kg.)	1	\$383.16
	70020282854					00016145265235		00016145268076	
HF60-CL	5625901	0.2 micron; bacteria ² , sediment, chloramines, chlorine taste & odor, cyst ¹	2.2 gpm (8.3 lpm)	4,700 gals. (17,789 lit.)	Contact Factory	Contact Factory	3.4 lbs. (1.5 kg.)	1	\$260.11
	70020274927					00016145257551		00016145257551	
HF60-CLS	5625902	0.2 micron; bacteria ² , sediment, chloramines, chlorine taste & odor, cyst ¹ & scale reduction	2.2 gpm (8.3 lpm)	4,700 gals. (17,789 lit.)	Contact Factory	Contact Factory	3.4 lbs. (1.5 kg.)	1	\$269.30
	70020282862					00016145265211		00016145265211	

HF40	5613303	0.2 micron; bacteria ² , bacteriostatic, sediment, chlorine taste & odor, cyst ¹ reduction	2.1 gpm (7.9 lpm)	25,000 gals. (94,635 lit.)	0.8	10-1/2" x 5-1/2" x 23-1/4" (26.7 cm. x 14 cm. x 59.1 cm)	5 lbs. (2.3 kg.)	2	\$178.63
	70020020114					00016145801488		10016145901482	
HF40-S	5613305	0.2 micron; bacteria ² , bacteriostatic, sediment, chlorine taste & odor, cyst ¹ , scale inhibitor	2.1 gpm (7.9 lpm)	25,000 gals. (94,635 lit.)	0.8	10-1/2" x 5-1/2" x 23-1/4" (26.7 cm. x 14 cm. x 59.1 cm)	5 lbs. (2.3 kg.)	2	\$183.32
	70020121417					00016145801518		10016145901512	

REPLACEMENT CARTRIDGES - CONTINUED

Cyst Rated- Extended, Standard, 6" and 4" lengths



HF30	5615105	0.5 micron; sediment, chlorine taste & odor, cyst ¹	1.67 gpm (6.3 lpm)	14,000 gals. (52,996 lit.)	1.8	10-1/2" x 10-1/2" x 28-1/4" (26.7 cm. x 26.7 cm. x 71.8 cm)	9 lbs. (4.1 kg.)	4	\$117.92
	70020020577					00016145801457		10016145901451	
HF30-S	5615107	0.5 micron; sediment, chlorine taste & odor, cyst ¹ , scale inhibitor	1.67 gpm (6.3 lpm)	14,000 gals. (52,996 lit.)	1.8	10-1/2" x 10-1/2" x 28-1/4" (26.7 cm. x 26.7 cm. x 71.8 cm)	9 lbs. (4.1 kg.)	4	\$121.51
	70020020585					00016145801433		00016145801433	
HF30-MS	5615111	0.5 micron; sediment, chlorine taste & odor, cyst ¹ , scale inhibitor blend	1.67 gpm (6.3 lpm)	14,000 gals. (52,996 lit.)	1.8	10-1/2" x 10-1/2" x 28-1/4" (26.7 cm. x 26.7 cm. x 71.8 cm)	9 lbs. (4.1 kg.)	4	\$124.81
	70020020601					00016145802010		10016145902014	



HF20	5615101	0.5 micron; sediment, chlorine taste & odor, cyst ¹ , reduction	1.5 gpm (5.7 lpm)	9,000 gals. (34,069 lit.)	2.2	15-1/4" x 10-1/2" x 23-1/4" (38.7 cm. x 26.7 cm. x 59.1 cm)	10 lbs. (4.5 kg.)	6	\$92.55
	70020020551					00016145801396		10016145901390	
HF20-S	5615103	0.5 micron; sediment, chlorine taste & odor, cyst ¹ , scale inhibitor	1.5 gpm (5.7 lpm)	9,000 gals. (34,069 lit.)	2.2	15-1/4" x 10-1/2" x 23-1/4" (38.7 cm. x 26.7 cm. x 59.1 cm)	10 lbs. (4.5 kg.)	6	\$101.71
	70020020569					00016145801419		10016145901413	
HF20-MS	5615109	0.5 micron; sediment, chlorine taste & odor, cyst ¹ , scale inhibitor blend	1.5 gpm (5.7 lpm)	9,000 gals. (34,069 lit.)	2.2	15-1/4" x 10-1/2" x 23-1/4" (38.7 cm. x 26.7 cm. x 59.1 cm)	10 lbs. (4.5 kg.)	6	\$104.97
	70020020593					00016145801990		10016145901994	



HF10-MS	5609329	0.5 micron; sediment, chlorine taste & odor, cyst ¹ , scale inhibitor blend	1.0 gpm (3.8 lpm)	3,500 gals. (13,249 lit.)	1.9	20-3/8" x 10-1/2" x 15-3/4" (51.8 cm. x 26.7 cm. x 40.0 cm)	10 lbs. (4.5 kg.)	8	\$94.71
	70020019595					00016145801976		10016145901970	

¹Based on the use of Cryptosporidium parvum oocysts.

²As tested with E. Coli ATCC (11229). Tested and verified by manufacturer's laboratory.

REPLACEMENT CARTRIDGES - CONTINUED

8000 Series Cartridges - Standard Length



Model No.	Part No. / 3M ID#	Reduction Claims	Micron	Capacity	Flow Rate	Cu. Ft. / Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC	Price/Ea.
CFS8110	5572001	Sediment	5	N/A	1.5 gpm (5.7 lpm)	1.9	9 lbs. (4.1 kg.)	4	\$83.92
	70020015353					00016145073809		10016145073806	
CFS8112	5581705	Sediment, chlorine taste & odor	1	10,000 gals. (37,854 lit.)	1.5 gpm (5.7 lpm)	2	22 lbs. (10.0 kg.)	12	\$96.67
	70020002419					00016145068782		10016145068789	
CFS8812X	5601101	Sediment, chlorine taste & odor, cyst ¹	0.5	9,000 gals. (34,069 lit.)	1.5 gpm (5.7 lpm)	2	23 lbs. (10.4 kg.)	12	\$99.21
	70020002633					00016145068898		10016145068895	
CFS8720	5589303	Sediment, chlorine taste & odor	5	4,800 gals. (18,170 lit.)	1.5 gpm (5.7 lpm)	2.5	24 lbs. (10.9 kg.)	12	\$85.16
	70020017268					00016145074660		10016145074667	
CFS8110-S	5572003	Sediment, Scale inhibitor	5	N/A	1.5 gpm (5.7 lpm)	1.9	9 lbs. (4.1 kg.)	4	\$94.15
	70020015379					00016145073816		10016145073813	
CFS8112-S	5581708	Sediment, chlorine taste & odor, scale inhibitor	1	10,000 gals. (37,854 lit.)	1.5 gpm (5.7 lpm)	2	22 lbs. (10.0 kg.)	12	\$106.74
	70020007715					00016145802218		10016145902212	
CFS8812X-S	5601103	Sediment, chlorine taste & odor, cyst ¹ , scale inhibitor	0.5	9,000 gals. (34,069 lit.)	1.5 gpm (5.7 lpm)	2	23 lbs. (10.4 kg.)	12	\$109.03
	70020002641					00016145068904		10016145068901	
CFS8720-S	5589301	Sediment, chlorine taste & odor, scale inhibitor	5	4,800 gals. (18,170 lit.)	1.5 gpm (5.7 lpm)	2.2	25 lbs. (11.3 kg.)	12	\$88.85
	70020002575					00016145800955		10016145900959	
CFS517LS	5558401	Sediment, chlorine taste & odor	5	3,500 gals. (13,249 lit.)	1.3 gpm (4.9 lpm)	1.5	18 lbs. (8.2 kg.)	12	\$81.44
	70020015049					00016145073540		10016145073547	
CFS517	5560001	Sediment, chlorine taste & odor, scale	5	3,500 gals. (13,249 lit.)	1.3 gpm (4.9 lpm)	1.5	20 lbs. (9.1 kg.)	12	\$121.47
	70020015189					00016145073687		10016145073684	
CFS8000-S	5585401	Scale inhibitor non-keyed	N/A	N/A	1.5 gpm (5.7 lpm)	0.8	8 lbs. (3.6 kg.)	6	\$86.54
	70020007806					00016145071720		10016145071727	

8000 Series Cartridges - Extended Length



CFS8112EL	5581725	Sediment, chlorine taste & odor	1	12,600 gals. (47,696 lit.)	1.67 gpm (6.3 lpm)	1.7	11 lbs. (5 kg.)	4	\$120.42
	70020015973					00016145074066		10016145074063	
CFS8812ELX	5601105	Sediment, chlorine taste & odor, cyst ¹	0.5	14,000 gals. (52,996 lit.)	1.67 gpm (6.3 lpm)	1.6	11 lbs. (5 kg.)	4	\$126.41
	70020007913					00016145071768		10016145071765	
CFS8720EL	5589306	Sediment, chlorine taste & odor	5	5,500 gals. (20,820 lit.)	1.67 gpm (6.3 lpm)	1.7	12 lbs. (5.4 kg.)	4	\$110.42
	70020017284					00016145074684		10016145074681	
CFS8112EL-S	5581727	Sediment, chlorine taste & odor, scale	1	12,600 gals. (47,696 lit.)	1.67 gpm (6.3 lpm)	1.7	12 lbs. (5.4 kg.)	4	\$129.46
	70020015981					00016145074073	y	10016145074070	
CFS8812ELX-S	5601107	Sediment, chlorine taste & odor, cyst ¹ , scale inhibitor	0.5	14,000 gals. (52,996 lit.)	1.67 gpm (6.3 lpm)	1.6	11 lbs. (5 kg.)	4	\$130.25
	70020002658					00016145068911		10016145068918	
CFS8720EL-S	5589308	Sediment, chlorine taste & odor, scale inhibitor	5	5,500 gals. (20,820 lit.)	1.67 gpm (6.3 lpm)	1.7	12 lbs. (5.4 kg.)	4	\$119.46
	70020109453					00016145102523		10016145102520	

8000 Series Softening Cartridges



SWC900	5599201	Scale Reduction	N/A	900 Grains	0.5 gpm (1.9 lpm)	Contact Factory		12	\$83.19
	70020018134					00016145075001		10016145075008	
SWC900-C with Carbon	5599203	Scale Reduction, Chlorine Taste and	5	700 Grains	0.5 gpm (1.9 lpm)	4.8	37 lbs. (16.8 kg.)	12	\$84.55
	70020002617					00016145068874		10016145068871	
SWC1350	5599205	Scale Reduction	N/A	1,350 Grains	0.5 gpm (1.9 lpm)	Contact Factory		4	\$96.51
	70020117092					00016145802201		10016145902205	
SWC1350-C with Carbon	5599207	Scale Reduction, Chlorine Taste and	5	1,100 Grains	0.5 gpm (1.9 lpm)	1.7	16 lbs. (7.3 kg.)	4	\$96.51
	70020109479					00016145802249		10016145902243	

¹Based on the use of Cryptosporidium parvum oocysts.

REPLACEMENT CARTRIDGES - CONTINUED

9000 Series Retrofit Cartridges - Standard Length



Model No.	Part No. / 3M ID#	Reduction Claims	Micron	Capacity	Flow Rate	Replaces	Cu. Ft. / Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC	Price/Ea.
CFS9110	5572101	Sediment	5	N/A	1.5 gpm (5.7 lpm)	CV	1.2	8 lbs. (3.6 kg.)	4	\$84.21
	70020015403						00016145073847		10016145073844	
CFS9112	5589203	Sediment, chlorine taste & odor	1	10,000 gals. (37,854 lit.)	1.5 gpm (5.7 lpm)	MC	2.5	23 lbs. (10.4 kg.)	12	\$95.07
	70020002567						00016145068850		10016145068857	
CFS9812X	5601201	Sediment, chlorine taste & odor, cyst ¹	0.5	9,000 gals. (34,069 lit.)	1.5 gpm (5.7 lpm)	MC	2	23 lbs. (10.4 kg.)	12	\$97.45
	70020002666						00016145068928		10016145068925	
CFS9720	5589003	Sediment, chlorine taste & odor	5	4,800 gals. (18,170 lit.)	1.5 gpm (5.7 lpm)	CV/2CB5/4CB5	2.5	27 lbs. (12.2 kg.)	12	\$82.76
	70020017136						00016145074530		10016145074537	
CFS9110-S	5572103	Sediment, scale inhibitor	5	N/A	1.5 gpm (5.7 lpm)	MH/I-2000	1.2	8 lbs. (3.6 kg.)	4	\$94.35
	70020143312						00016145140358		10016145140355	
CFS9112-S	5589201	Sediment, chlorine taste & odor, scale inhibitor	1	10,000 gals. (37,854 lit.)	1.5 gpm (5.7 lpm)	MH/I-2000	2.5	23 lbs. (10.4 kg.)	12	\$104.68
	70020017219						00016145074615		10016145074612	
CFS9812X-S	5601203	Sediment, chlorine taste & odor, cyst ¹ , scale inhibitor	0.5	9,000 gals. (34,069 lit.)	1.5 gpm (5.7 lpm)	MH/I-2000	2	23 lbs. (10.4 kg.)	12	\$106.82
	70020002674						00016145068935		10016145068932	
CFS9710-S	5589101	Sediment, scale inhibition, chlorine taste and odor	5	2,400 gal (9,055 lit)	1 gpm		Contact Factory		12	\$77.93
	70020002542						00016145068836		10016145068833	
CFS9720-S	5589001	Sediment, chlorine taste & odor, scale inhibitor	5	4,800 gals. (18,170 lit.)	1.5 gpm (5.7 lpm)	CV/2CB5-S/ 4CB5-S	2.5	27 lbs. (12.2 kg.)	12	\$87.56
	70020017128						00016145800986		10016145900980	
CFS9005-IMF	5593701	Scale inhibitor	N/A	N/A	N/A	SS-IMF	0.8	7 lbs. (3.2 kg.)	12	\$49.36
	70020007871						00016145800917		10016145900911	

9000 Series Retrofit Cartridges - Extended Length



CFS9112EL	5589213	Sediment, chlorine taste & odor	1	12,600 gals. (47,696 lit.)	1.67 gpm (6.3 lpm)	MC/XC	1.7	12 lbs. (5.4 kg.)	4	\$122.52
	70020017235						00016145074639		10016145074636	
CFS9812ELX	5601205	Sediment, chlorine taste & odor, cyst ¹	0.5	14,000 gals. (52,996 lit.)	1.67 gpm (6.3 lpm)	MC/XC	1.6	11 lbs. (5 kg.)	4	\$125.32
	70020018498						00016145800870		10016145900874	
CFS9720EL	5589005	Sediment, chlorine taste & odor	5	5,500 gals. (20,820 lit.)	1.67 gpm (6.3 lpm)	4CB5/7CB5	1.7	13 lbs. (5.9 kg.)	4	\$109.56
	70020017144						00016145074547		10016145074544	
CFS9112EL-S	5589215	Sediment, chlorine taste & odor, scale inhibitor	1	12,600 gals. (47,696 lit.)	1.67 gpm (6.3 lpm)	MH/I4000	1.7	12 lbs. (5.4 kg.)	4	\$124.65
	70020017243						00016145074646		10016145074643	
CFS9812 ELX-S	5601207	Sediment, chlorine taste & odor, cyst ¹ , scale inhibitor	0.5	14,000 gals. (52,996 lit.)	1.67 gpm (6.3 lpm)	MH/I4000	1.6	12 lbs. (5.4 kg.)	4	\$129.03
	70020018506						00016145800863		10016145900867	
CFS9720EL-S	5589007	Sediment, chlorine taste & odor, scale inhibitor	5	5,500 gals. (20,820 lit.)	1.67 gpm (6.3 lpm)	4CB5-S/7CB5-S/ XCV	1.7	13 lbs. (5.9 kg.)	4	\$117.52
	70020017151						00016145074554		10016145074551	

9000 Series Softening Cartridges



SWC9135	5572201	Scale Reduction	N/A	1,350 Grains	0.5 gpm (1.9 lpm)	7SO	Contact Factory		4	\$100.35
	70020015429						00016145073861		10016145073868	
SCW9135-C with Carbon	5572203	Scale Reduction, Chlorine Taste and Odor	5	1,100 Grains	0.5 gpm (1.9 lpm)	7SO	Contact Factory		4	\$100.35
	70020002617						00016145068874		10016145068871	

¹Based on the use of Cryptosporidium parvum oocysts.

REPLACEMENT CARTRIDGES - CONTINUED

Drop-in Replacement Cartridges- 9-3/4" cartridges (requires two for 19-1/2" housings)

Sediment Reduction

Model No.	Part No. / 3M ID#	Micron	Description	Capacity	Cu. Ft. / Prod. Box UPC	Ship Wt.	Case Qty. / Master Ctn UPC	Price/Ea.
CFS124	5621205	25	Sediment reduction	N/A	1.3	9 lbs. (4.1 kg.)	24	\$25.43
	70020182500				00016145176968		10016145176965	
CFS110	5612111	5	Sediment reduction	8 gpm (30.3 lpm)	Contact Factory	Contact Factory	24	\$19.63
	70020143957				00016145140815		10016145140812	

Chlorine Taste and Odor Reduction

CFS117	5559304	5	Granular activated carbon	10,000 gals. @ 2 gpm (37,854 lit. @ 7.6 lpm)	1.6	28 lbs. (12.7 kg.)	24	\$51.50
	70020143197				00016145140235		10016145140232	
CFS117-S	5559412	5	Granular activated carbon built-in scale inhibition	10,000 gals. @ 2 gpm (37,854 lit. @ 7.6 lpm)	1.6	30 lbs. (13.6 kg.)	24	\$50.50
	70020143205				00016145140242		10016145140249	

Sediment/Scale Reduction

CFS420IMF	5560904	5	Graded density design built-in scale inhibition	N/A	1.9	32 lbs. (14.5 kg.)	24	\$76.12
	70020143254				00016145140297		10016145140294	

Drop-in Replacement Cartridge- 10" cartridges

Sediment reduction

CFS110-C10	5612113	5	Sediment reduction	6 gpm (22.7 lpm)	Contact Factory	Contact Factory	24	\$18.04
	70020182450				00016145176913		10016145176910	

Chlorine Taste and Odor Reduction

CFS186-A	FSCTOB10N	5	Ultra carbon block	10,000 gals. @ 1.67gpm (37,854 lit. @ 6.3 lpm)	Contact Factory	Contact Factory	6	\$42.14
	70020041532				00016145085413		10016145085410	

Drop-in Replacement Cartridge- 19-1/2" cartridges

Fine Silt Reduction

CFSFSR-5	5560320	5 Absolute	Fine silt reduction cartridge	N/A	1.5	16 lbs. (7.3 kg.)	15	\$100.48
	70020113901				00016145105159		10016145105156	
CFSFSR-10	5560321	10 Absolute	Fine silt reduction cartridge	N/A	1.5	16 lbs. (7.3 kg.)	15	\$95.17
	70020105113				00016145100734		10016145100731	

Drop-in 10" Selecto Retro-fit Cartridge

CFS810	5618924	5	Sediment	N/A	1.5	4 lbs. (1.8 kg.)	8	\$55.97
	70020264670				00016145247675		10016145247672	
CFS817	5602713	25	Sediment, Chlorine Taste and Odor reduction	N/A	1.5	7 lbs. (3.2 kg.)	4	\$89.91
	70020264373				00016145247385		10016145247382	

REPLACEMENT CARTRIDGES - CONTINUED

Drop-in Replacement Cartridges for Competitive Housings - 20" Cartridges

Sediment Reduction

Model No.	Part No. / 3M ID#	Micron	Description	Capacity	Cu. Ft. / Prod. Box UPC	Ship Wt.	Case Qty./ Master Ctn UPC	Price/Ea.
CFS110-C20	5621201	5	Sediment Reduction	N/A	1.5	11 lbs. (5 kg.)	15	\$36.10
	70020182468				00016145176920		10016145176927	
CFS124-C20	5621206	25	Sediment Reduction	N/A	1.5	11 lbs. (5 kg.)	15	\$35.87
	70020182518				00016145176975		10016145176972	

Chlorine Taste and Odor Reduction

CFS017-C20	5559305	5	Granular activated carbon	20,000 gals. @ 4 gpm (75,708 lit. @ 15.1 lpm)	1.5	27 lbs. (12.2 kg.)	15	\$66.60
	70020015155				00016145073656		10016145073653	
CFS017S-C20	5559408	5	Granular activated carbon built-in scale inhibition	20,000 gals. @ 4 gpm (75,708 lit. @ 15.1 lpm)	1.5	28 lbs. (12.7 kg.)	15	\$82.98
	70020007608				00016145071645		10016145071642	
CFSCB05S-C20	FCCBB20S	5	Carbon Block scale inhibition	20,000 gals. @ 4 gpm (75,708 lit. @ 15.1 lpm)	1.5	29 lbs. (13.2 kg.)	12	\$64.35
	70020041524				00016145085406		10016145085403	
20" carbon	5590701	5	Chlorine taste & odor		0.2	4.0 lbs. (1.8 kg.)	1	\$82.74
	70020017474				00016145007859		00016145007859	

Drop-in 20" Selecto Retro-fit Cartridge

CFS210-2	5618907	5	Sediment reduction for CFS22, CFS22-1.5	N/A	2.4	11 lbs. (5 kg.)	4	\$98.79
	70020177211				00016145171734		10016145171731	
CFS214-2	5599410	50	Coarse sediment reduction for CFS22, CFS22-1.5	N/A	2.4	18 lbs. (8.2 kg.)	4	\$95.51
	70020105352				00016145100840		10016145100847	
CFS215-2	5589807	5	Sediment reduction, chlorine taste and odor reduction for CFS22, CFS22-1.5	N/A	2.4	14 lbs. (6.4 kg.)	4	\$154.37
	70020017425				00016145074813		10016145074810	

Specialty Cartridges

Soluble Coffee Applications

CFS217-H	5593405	5	Granular activated carbon for CFSTSD system	2,000 gals. @ 2 gpm (7,571 @ 7.6 lpm)	1.3	19 lbs. (8.6 kg.)	24	\$50.14
	70020143643				00016145140624		10016145140621	
CFSCB10	5612604	10	Carbon block hot water cartridge	2,000 gals. @ 2 gpm (7,571 @ 7.6 lpm)	1.3	8 lbs. (3.6 kg.)	6	\$57.32
	70020117100				00016145114335		10016145114332	

Accessory

Coupler	6899831	N/A	Cartridge coupler, turns (2) 9.75 drop-in style cartridges into a 20" cartridge	N/A	N/A	N/A	1	Call for Price
	70020008051				00016145002175		00016145002175	

Competitive Product Cross Reference List

Alternate Systems

ICE

Competitive Model Number	Competitive Part No.	Flow Rate	Capacity (Gallons)
Insurice® Single-i2000, Insurice® Single-i2000²	EV9324-01	1.67	9,000
Insurice® Single PF-i2000²	EV9324-21	1.67	9,000
Insurice® Twin-i2000, Insurice® Twin-i2000²	EV9324-02	3.34	18,000
Insurice® Twin PF-2000²	EV9324-22	3.34	18,000
Insurice® Triple-i4000, Insurice® Triple-i4000²	EV9325-03	5	36,000
Insurice® Triple PF-i4000²	EV9325-23	5	36,000
Insurice® Quad-i4000, Insurice® Quad-i4000²	EV9325-04	6.68	48,000

3M™ Water Filtration Products

ICE

3M Water Filtration Model No.	3M Water Filtration Part No.	Flow Rate	Capacity (Gallons)
ICE120-S	5616003	1.5	9,000
ICE140-S	5616203	2.1	25,000
ICE160-S	5616303	3.34	35,000
ICE190-S	5616403	5	54,000
ICE260-S	5624503	6.68	70,000

COFFEE

Competitive Model Number	Competitive Part No.	Flow Rate	Capacity (Gallons)
QL3-BH²	EV9272-00	0.5	3,000
QC71 Single-MH²	Head:EV9272-41 Ctg:EV9613-21	1.67	9,000

COFFEE

3M Water Filtration Model No.	3M Water Filtration Part No.	Flow Rate	Capacity (Gallons)
BREW110-MS	6213803	1	3,500
BREW120-MS	5616001	1.5	9,000
BREW130-MS	5616103	1.67	14,000

COLD BEVERAGE

Competitive Model Number	Competitive Part No.	Flow Rate	Capacity (Gallons)
Coldrink® 1-MC²	EV9328-01	1.67	9,000
QC71 Single-MC, QC71 Single-MC²	EV9275-01	1.67	9,000
Coldrink® 2-MC²	EV9328-02	3.34	18,000
QC71 Twin-MC, QC71 Twin-MC²	EV9275-02	3.34	18,000
Coldrink® 3-MC²	EV9328-03	5	27,000
QC71 Triple-MC²	EV9275-03	5	27,000
QC71 Quad-MC²	EV9337-11	6.68	36,000

COLD BEVERAGE

3M Water Filtration Model No.	3M Water Filtration Part No.	Flow Rate	Capacity (Gallons)
BEV130	5616101	1.67	14,000
BEV140	5616201	2.1	25,000
BEV160	5616301	3.34	35,000
BEV190	5616401	5	54,000
Twin Manifold (2) HF-90	6228505 5613503	10	108,000

MULTI-EQUIPMENT COMBINATIONS

Competitive Model Number	Competitive Part No.	Flow Rate	Capacity (Gallons)
High Flow CSR Twin-MC²	EV9330-42	3.34	18,000
High Flow CSR Triple-MC²	EV9328-06	5	27,000
High Flow CSR Quad-MC²	EV9437-10	6.67	36,000
High Flow CSR Plus-XC²	EV9347-20	6.67	48,000

MULTI-EQUIPMENT COMBINATIONS

3M Water Filtration Model No.	3M Water Filtration Part No.	Flow Rate	Capacity (Gallons)
DP190	5624301	5	54,000
DP290	5624201	10	108,000

ESPRESSO

Competitive Model Number	Competitive Part No.	Flow Rate	Capacity (Grains)
QC71 Single ESO 7	QC71 Single - EV9272-41 ESO 7 - EV9607-25	0.5	5,300
QC71 Twin ESO 7	QC71 Twin - EV9272-22 ESO 7 - EV9607-25 (2)	1	10,600

ESPRESSO

3M Water Filtration Model No.	3M Water Filtration Part No.	Flow Rate	Capacity (Grains)
SGP165BN-T	5617601	1	6,471
SGP195BN-T	5617602	1	10,800

STEAM

Competitive Model Number	Competitive Part No.	Flow Rate	Capacity (Gallons)
SR-X	EV9797-20	N/a	N/a
Kleensteam® CT	EV9797-50	1.67	N/a
Kleensteam® II Single	EV9797-21	2.5	N/a

STEAM

3M Water Filtration Model No.	3M Water Filtration Part No.	Flow Rate	Capacity (Gallons)
SF18-S	5607703	6	N/a
SF165	5624601	3.34	N/a

Replacement Cartridges

Competitive Model Number	Competitive Part No.	Flow Rate	Capacity (Gallons)
MC²	EV9612-56	1.67	9,000
XC²	EV9613-10	1.67	12,000
BH²	EV9612-50	0.5	3,000
MH²	EV9613-21	1.67	9,000
i2000²	EV9612-21	1.67	9,000
i4000²	EV9612-31	1.67	12,000
2CB5-S	EV9617-22	0.5	3,000
4CB5-S	EV9617-21	1.67	6,000
7CB5-S	EV9618-21	2.5	10,000
4CB5	EV9617-11	1.67	6,000
7CB5	EV9618-21	2.5	10,000
EC110	EV9534-12		
EC210	EV9534-26		
E®-Series 10' Prefilter	EV9795-80		
E®-Series 20" Prefilter	EV9795-90		
SS-IMF	EV9799-32		
7S0	EV9607-04		

Replacement Cartridges

3M Water Filtration Model No.	3M Water Filtration Part No.	Flow Rate	Capacity (Gallons)
CFS9812ELX	5601205	1.67	14,000
CFS9812ELX	5601205	1.67	14,000
CFS9812X-S	5601203	1.5	9,000
CFS9812ELX-S	5601207	1.67	14,000
CFS9812ELX-S	5601207	1.67	14,000
CFS9720-S	5589001	1.5	4,800
CFS9720EL-S	5589007	1.67	5,500
CFS9112ELX	5589215	1.67	12,600
CFS9720EL	5589005	1.67	5,500
CFS9112EL	5589213	1.67	12,600
CFS110	5612111		
CFS110-C20	5621201		
CFS10T - Ctg not included	5557506		
CFS02T - Ctg not included	5557610		
CFS9005-IMF	5593701		
SWC9135	5572201		

2012 OBSOLETE PRODUCTS AND THEIR REPLACEMENTS

Obsolete Model #	Obsolete Part #		Replaced by Model #	Replaced by Part #
IA1-1 ICEASSURE™ 1-1	5573101	...	ICE125-S	5616004
IA1-5 ICEASSURE™ 1-5	5573102	...	ICE125-S	5616004
IA1-0-S ICEASSURE™ 1-0-S	5573107	...	ICE125-S	5616004
IA1-0-ELS ICEASSURE™ 1-0-ELS	5573108	...	ICE125-S	5616004
CFS3-EL	5573608	...	DP190	5624301
CFS8576	5581905	...	BEV135	5616102
CFS7720-S	5581912	...	ICE125-S	5616004
CFS7720	5581913	...	BEV135	5616102
CFS7812	5581916	...	BEV130	5616101
CFS7812-S	5581917	...	ICE120-S	5616003
SystemONE Model 2	5583701	...	BEV160	5616301
SystemONE Model 2S	5583702	...	ICE160-S	5616303
SystemONE Model 2-2H	5583703	...	BEV160	5616301
SystemONE Model 2S-2H	5583704	...	ICE160-S	5616303
SystemONE Model 2C	5583705	...	BEV160	5616301
SystemONE Model 2P	5583706	...	BEV165	5616302
SystemONE Model 2SC	5583707	...	ICE160-S	5616303
SystemONE Model 2SP	5583708	...	ICE165-S	5616304
SystemONE Model 2C -2H	5583709	...	BEV160	5616301
SystemONE Model 2P-2H	5583710	...	BEV165	5616302
SystemONE Model 2SC-2H	5583711	...	ICE160-S	5616303
SystemONE Model 2SP-2H	5583712	...	ICE165-S	5616304
SystemONE Model 4	5583901	...	BEV190	5616401
SystemONE Model 4S	5583902	...	ICE190-S	5616403
SystemONE Model 4-2H	5583903	...	BEV190	5616401
SystemONE Model 4S-2H	5583904	...	ICE190-S	5616403
SystemONE Model 4C	5583906	...	BEV190	5616401
SystemONE Model 4P	5583907	...	BEV195	5616402
SystemONE Model 4SC	5583908	...	ICE190-S	5616403
SystemONE Model 4SP	5583909	...	BEV195	5616402
SystemONE Model 4C-2H	5583910	...	BEV190	5616401
SystemONE Model 4P-2H	5583911	...	BEV195	5616402
SystemONE Model 4SC-2H	5583912	...	ICE190-S	5616403
SystemONE Model 4SP-2H	5583913	...	ICE195-S	5616404
IA4NV-ELS ICEASSURE™ 4NV-ELS	5583915	...	ICE265-S	5624504
SystemONE Model 5	5585201	...	DP190	5624301
SystemONE Model 5-2H	5585203	...	DP190	5624301
SystemONE Model 5C	5585204	...	DP190	5624301
SystemONE Model 5P	5585205	...	DP190	5624301
SystemONE Model 5C-2H	5585206	...	DP190	5624301
SystemONE Model 5P-2H	5585207	...	DP190	5624301
SystemONE Model 1	5586401	...	BEV140	5616201
SystemONE Model 1S	5586402	...	ICE140-S	5616203
SystemONE Model 1C	5586403	...	BEV140	5616201
SystemONE Model 1P	5586404	...	BEV145	5616202
SystemONE Model 1SC	5586405	...	ICE140-S	5616203

2012 OBSOLETE PRODUCTS AND THEIR REPLACEMENTS

Obsolete Model #	Obsolete Part #		Replaced by Model #	Replaced by Part #
SystemONE Model 1SP	5586406	...	ICE145-S	5616204
CFS6720-S	5588905	...	ICE125-S	5616004
CFS6720	5588906	...	BEV135	5616102
CFS6112-S	5588907	...	ICE125-S	5616004
CFS6112	5588908	...	BEV135	5616102
CFS6710	5588910	...	BEV135	5616102
CFS6710-S	5588909	...	ICE125-S	5616004
CFS6812X-S	5588917	...	ICE120-S	5616003
CFS6812X	5588918	...	BEV130	5616101
IA2-1 ICEASSURE™ 2-1	5596601	...	ICE160-S	5616303
IA2-5 ICEASSURE™ 2-5	5596602	...	ICE165-S	5616304
IA3-1 ICEASSURE™ 3-1	5596701	...	ICE190-S	5616403
IA3-5 ICEASSURE™ 3-5	5596702	...	ICE195-S	5616404
CFS6135	5599303	...	ESP124-T	5617610
CFS6135-C	5599304	...	ESP124-T	5617610
CFS6135-C w/Flush Valve	5599309	...	ESP124-T	5617610
DP-2C	5600901	...	DP190	5624301
DP-3C	5601001	...	DP190	5624301
SGP-124B	5608904	...	SGP124BN-T	5617603
SGP-248B	5609004	...	SGP165BN-T	5617601
SGP-124BV	5609804	...	SGP124BN-T	5617603
20" prefilter	5590601	...	CFS110-C20	5621201
CFS8504-A	5584703	...	N/A	N/A
CFS8504-B	5584705	...	N/A	N/A
CFS8504-C20	5584709	...	CFS110-C20	5621201
CFS8000-SK	5585406	...	CFS8000-S	5585401
CFS211-2	5618909	...	CFS210-2	5618907
CFS212-2	FSPSCCP20BB	...	N/A	N/A
CFS12SS	5527811	...	N/A	N/A
CFSBCI-2	5557303	...	N/A	N/A
CFSBCI-2 w/o CTG	5557302	...	N/A	N/A
"M" RO Cartridge	5587623	...	"M" Cartridge	5598707
CFS150-WS	56000-03	...	N/A	N/A
CFS6090	5599301	...	CFS6090-C	5599302
CFS440	5582003	...	SH18-S	5607703
CFS441	5582105	...	HF8-S	5582106

2013 OBSOLETE PRODUCTS AND THEIR REPLACEMENTS

Obsolete Model #	Obsolete Part #		Replaced by Model #	Replaced by Part #
CFSUV-3.2 (220/50)	5608302	...	N/A	N/A
MEMBRANE RO900	5599103	...	N/A	N/A

Master Product List by Model Number

Model #	Part #	Shipping Dimensions	Cs	Qty	Pkg	List Price	Page
160-L	5613444	22" H x 4-7/8" D x 4-7/8" L (55.9 cm. x 12.4 cm. x 12.4 cm.)	1		EA	\$383.16	42
MEMBRANE for FSTM/SGLP	5598721	Contact Factory	1		EA	\$367.09	23
PREFILTER for FSTM/SGLP	5570611	Contact Factory	1		EA	\$51.66	23
1/2" NH3-NPT head w/ gauge	6214413	Contact Factory	12		EA	\$178.26	36
1/2" NH3-NPT head with plugged gauge port	6214417	Contact Factory	12		EA	\$82.47	36
10 gal. Hydropneumatic Tank Kit for BEV/STM/TSR	5598407	17" H x 17" W x 34" L (43.2 cm. x 43.2 cm. x 86.4 cm.)	1		EA	\$819.73	24
2.5 gal. Hydropneumatic Tank Kit for BEV/STM/TSR	5598405	17" H x 11" W x 17" L (43.2 cm. x 27.9 cm. x 43.2 cm.)	1		EA	\$240.68	*
20 gal. Fiberglass Hydropneumatic Tank w/ Install Kit	5591202	Contact Factory	1		EA	\$1,417.88	*
20" Carbon block prefilter for CFSRO125/CFSRO1200	5590701	20" H x 4" W x 4" L (50.8 cm. x 10.2 cm. x 10.2 cm.)	1		EA	\$82.74	*
3/8" VH3-NPT	6213009	Contact Factory	12		EA	\$88.07	36
40 gal. Hydropneumatic Tank Kit for BEV/STM/TSR	5598409	25" H x 25" W x 58" L (63.5 cm. x 63.5 cm. x 147.3 cm.)	1		EA	\$1,529.52	24
40 gal. Hydropneumatic Tank Kit for CFSRO300/600/900/1200	5591203	25" H x 25" W x 56" L (63.5 cm. x 63.5 cm. x 142.2 cm.)	1		EA	\$1,583.06	*
5 gal. Hydropneumatic Tank Kit for BEV/STM/TSR	5598406	18" H x 18" W x 18" L (45.7 cm. x 45.7 cm. x 45.7 cm.)	1		EA	\$521.28	24
9.75" GAC Prefilter for CFSRO-LP	5577801	11" H x 18" W x 18" L (27.9 cm. x 45.7 cm. x 45.7 cm.)	1		EA	\$41.41	*
9.75" Post treatment cartridge for B-assembly	5591101	Contact Factory	1		EA	\$218.81	*
A MEDIA 1 CUBIC FT for BWF softeners	A-050P	20" H x 13" D (50.8 cm. x 33 cm.)	1		EA	Call for Price	31
APMP100 Metering Pump	APMP100	9" H x 10" W x 11" L (22.9 cm. x 25.4 cm. x 27.9 cm.)	1		EA	Call for Price	33
APMP200 Chemical Feed Pump	89-3430019	Contact Factory	1		EA	Call for Price	33
APSL TANK ST15 15 Gallon Solution Tank	APSLTANK	15" H x 15" W x 26" L (38.1 cm. x 38.1 cm. x 66.0 cm.)	1		EA	Call for Price	33
Ballast (110 V)	5605859	Contact Factory	1		EA	Call for Price	33
Ballast (220 V)	5605867	Contact Factory	1		EA	Call for Price	33
BEV130	5616101	10-1/2" H x 10-1/2" D x 28-1/4" L (26.7 cm. x 26.7 cm. x 71.8 cm.)	4		EA	\$323.01	15
BEV135	5616102	10-1/2" H x 10-1/2" D x 28-1/4" L (26.7 cm. x 26.7 cm. x 71.8 cm.)	4		EA	\$317.43	15,21
BEV140	5616201	10-1/2" H x 5-1/2" D x 23-1/4" L (26.7 cm. x 14.0 cm. x 59.1 cm.)	2		EA	\$402.91	15
BEV145	5616202	10-1/2" H x 5-1/2" D x 23-1/4" L (26.7 cm. x 14.0 cm. x 59.1 cm.)	2		EA	\$393.23	15
BEV150 RO System	BEV150	15" H x 15" W x 19" L (38.1 cm. x 38.1 cm. x 48.3 cm.)	1		EA	\$2,843.65	*
BEV160	5616301	22" H x 4-7/8" D x 4-7/8" L (55.9 cm. x 12.4 cm. x 12.4 cm.)	1		EA	\$459.85	15
BEV165	5616302	22" H x 4-7/8" D x 4-7/8" L (55.9 cm. x 12.4 cm. x 12.4 cm.)	1		EA	\$448.12	15
BEV190	5616401	28" H x 4-7/8" D x 4-7/8" L (71.1 cm. x 12.4 cm. x 12.4 cm.)	1		EA	\$583.40	15
BEV195	5616402	28" H x 4-7/8" D x 4-7/8" L (71.1 cm. x 12.4 cm. x 12.4 cm.)	1		EA	\$563.91	15
BREW105-MS	6213801	20-3/8" H x 10-1/2" D x 15-3/4" L (51.8 cm. x 26.7 cm. x 40.0 cm.)	8		EA	\$178.44	*
BREW110-MS	6213803	20-3/8" H x 10-1/2" D x 15-3/4" L (51.8 cm. x 26.7 cm. x 40.0 cm.)	8		EA	\$203.99	13

Master Product List by Model Number

Model #	Part #	Shipping Dimensions	Cs	Qty	Pkg	List Price	Page
BREW115-MS	6213807	20-3/8" H x 10-1/2" D x 15-3/4" L (51.8 cm. x 26.7 cm. x 40.0 cm.)	8		EA	\$196.45	13
BREW120-MS	5616001	15-1/4" H x 10-1/2" D x 23-1/4" L (38.7 cm. x 26.7 cm. x 59.1 cm.)	6		EA	\$224.93	13,21
BREW125-MS	5616002	15-1/4" H x 10-1/2" D x 23-1/4" L (38.7 cm. x 26.7 cm. x 59.1 cm.)	6		EA	\$222.73	13,21
BREW130-MS	5616103	10-1/2" H x 10-1/2" D x 28-1/4" L (26.7 cm. x 26.7 cm. x 71.8 cm.)	4		EA	\$245.77	13
BREW135-MS	5616104	10-1/2" H x 10-1/2" D x 28-1/4" L (26.7 cm. x 26.7 cm. x 71.8 cm.)	4		EA	\$244.99	13
C MEDIA .5 CUBIC FT	C-050P	10" H x 13" D (25.4 cm. x 33 cm.)	1		EA	Call for Price	*
C MEDIA 1 CUBIC FT	C-10P	20" H x 13" D (50.8 cm. x 33 cm.)	1		EA	Call for Price	*
CARTPAK DF290-CL	5613807	10" H x 10" D x 22" L (25.4 cm. x 25.4 cm. x 55.9 cm.)	1		EA	\$1,189.97	17
CARTPAK DP190	5613801	10" H x 5-1/2" D x 22" L (25.4 cm. x 14.0 cm. x 55.9 cm.)	1		EA	\$425.96	17
CARTPAK DP260	5613814	10"H x 10"W x 22"L (25.4 cm x 25.4 cm x 55.9 cm.)	1		EA	\$570.69	17
CARTPAK DP290	5613802	10" H x 10" D x 22" L (25.4 cm. x 25.4 cm. x 55.9 cm.)	1		EA	\$778.87	17
CARTPAK DP295 CL	5613818	Contact Factory	1		EA	\$787.63	17
CARTPAK DP390	5613803	Contact Factory	1		EA	\$1,131.78	17
CARTPAK SF165	5613811	10" H x 5-1/2" D x 22" L (25.4 cm. x 14.0 cm. x 55.9 cm.)	1		EA	\$297.14	23
CFS017-C20	5559305	9"H x 14" W x 21" L (22.9 cm. x 35.6 cm. x 53.3 cm.)	15		EA	\$66.60	47
CFS017S-C20	5559408	9"H x 14" W x 21" L (22.9 cm. x 35.6 cm. x 53.3 cm.)	15		EA	\$82.98	47
CFS01S	5557503	11"H x 11" W x 21" L (27.9 cm. x 27.9 cm. x 53.3 cm.)	4		EA	\$223.39	39
CFS01T	5557506	11"H x 11" W x 21" L (27.9 cm. x 27.9 cm. x 53.3 cm.)	4		EA	\$294.14	39
CFS02S	5557609	29.7" H x 5.5" W x 10.6" L (75.4 cm. x 14 cm. x 26.9 cm.)	2		EA	\$314.91	39
CFS02T	5557610	29.7" H x 5.5" W x 10.6" L (75.4 cm. x 14 cm. x 26.9 cm.)	2		EA	\$315.83	39
CFS100WS	5600002	63" H x 15.5" W x 15.5" L (160 cm. x 39.4 cm. x 39.4 cm.)	1		EA	\$2,089.05	35
CFS101BWF	5600201	67" H x 13" W x 13" L (170.2 cm. x 33 cm. x 33 cm.)	1		EA	\$1,610.54	31
CFS110 9.75" cartridge	5612111	11" H x 11" W x 17" L (27.9 cm. x 27.9 cm. x 43.2 cm.)	24		EA	\$19.63	46
CFS110-C10 10" cartridge	5612113	11" H x 11" W x 17" L (27.9 cm. x 27.9 cm. x 43.2 cm.)	24		EA	\$18.04	46
CFS110-C20 20" cartridge	5621201	9" H x 14" W x 21" L (22.9 cm. x 35.6 cm. x 53.3 cm.)	15		EA	\$36.10	47
CFS117	5559304	11" H x 13" W x 19" L (27.9 cm. x 33 cm. x 48.3 cm.)	24		EA	\$51.50	46
CFS117-S	5559412	11" H x 13" W x 19" L (27.9 cm. x 33 cm. x 48.3 cm.)	24		EA	\$50.50	46
CFS11S	5558803	12" H x 12" W x 20" L (30.5 cm. x 30.5 cm. x 50.8 cm.)	4		EA	\$146.23	39
CFS11T	5558802	12" H x 12" W x 20" L (30.5 cm. x 30.5 cm. x 50.8 cm.)	4		EA	\$186.58	39
CFS124	5621205	11" H x 12" W x 17" L (27.9 cm. x 30.5 cm. x 43.2 cm.)	24		EA	\$25.43	46

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CFS124-C20	5621206	9" H x 14" W x 21" L (22.9 cm. x 35.6 cm. x 53.3 cm.)	15		EA	\$35.87	47
CFS12T	5558902	5" H x 10" W x 26" L (12.7 cm. x 25.4 cm. x 66 cm.)	2		EA	\$279.08	39
CFS1610SS	5592004	10" H x 10" W x 14" L (25.4 cm. x 25.4 cm. x 35.6 cm.)	4		EA	\$664.27	*
CFS186-A	FSCTOB10N	Contact Factory	6		EA	\$42.14	46
CFS201BWF	5600203	Contact Factory	1		EA	\$2,049.95	31
CFS210-2	5618907	14" H x 14" W x 21" L (35.6 cm. x 35.6 cm. x 53.3 cm.)	4		EA	\$98.79	47
CFS214-2	5599410	14" H x 14" W x 21" L (35.6 cm. x 35.6 cm. x 53.3 cm.)	4		EA	\$95.51	47
CFS215-2	5589807	14" H x 14" W x 21" L (35.6 cm. x 35.6 cm. x 53.3 cm.)	4		EA	\$154.37	47
CFS217	4629020	8" H x 14" W x 20" L (20.3 cm. x 35.6 cm. x 50.8 cm.)	24		EA	\$67.20	*
CFS217-H	5593405	8" H x 14" W x 20" L (20.3 cm. x 35.6 cm. x 50.8 cm.)	24		EA	\$50.14	47
CFS22	5606704	8" H x 16" W x 25" L (20.3 cm. x 40.6 cm. x 63.5 cm.)	2		EA	\$211.74	38
CFS22-1.5	5606705	8" H x 16" W x 25" L (20.3 cm. x 40.6 cm. x 63.5 cm.)	2		EA	\$216.31	38
CFS22MB Mounting Bracket	6890131	Contact Factory	1		EA	Call for Price	*
CFS2501	5560313	8" H x 10" W x 15" L (20.3 cm. x 25.4 cm. x 38.1 cm.)	6		EA	\$193.01	*
CFS2502	5560318	26" H x 8" W x 11" L (66 cm. x 20.3 cm. x 27.9 cm.)	6		EA	\$347.17	*
CFS2506	5575703	8" H x 12" W x 17" L (20.3 cm. x 30.5 cm. x 43.2 cm.)	6		EA	\$189.58	*
CFS2507	5575704	27" H x 8" W x 11" L (68.6 cm. x 20.3 cm. x 27.9 cm.)	6		EA	\$250.60	*
CFS2610SS	5592005	5" H x 5" W x 24" L (12.7 cm. x 12.7 cm. x 61 cm.)	1		EA	\$1,110.58	*
CFS420IMF	5560904	12" H x 14" W x 20" L (30.5 cm. x 35.6 cm. x 50.8 cm.)	24		EA	\$76.12	46
CFS517	5560001	Contact Factory	12		EA	\$121.47	44
CFS517LS	5558401	Contact Factory	12		EA	\$81.44	44
CFS5400 w/cartridge w/blending	5606702	Contact Factory	1		EA	\$435.59	*
CFS5400C	5606601	14" H x 14" W x 22" L (35.6 cm. x 35.6 cm. x 55.9 cm.)	1		EA	\$158.04	*
CFS5400N w/cartridge w/o blending	5606703	Contact Factory	1		EA	\$399.55	*
CFS6090-C	5599302	11" H x 16" W x 19" L (27.9 cm. x 40.6 cm. x 48.3 cm.)	6		EA	\$219.85	*
CFS717	5560201	8" H x 12" W x 17" L (20.3 cm. x 30.5 cm. x 43.2 cm.)	10		EA	\$55.60	*
CFS717LS	5560101	8" H x 12" W x 17" L (20.3 cm. x 30.5 cm. x 43.2 cm.)	10		EA	\$42.63	*
CFS8000-S	5585401	10" H x 11" W x 12" L (25.4 cm. x 27.9 cm. x 30.5 cm.)	6		EA	\$86.54	44
CFS810	5618924	Contact Factory	8		EA	\$55.97	46
CFS8110	5572001	20" H x 11" W x 15" L (50.8 cm. x 27.9 cm. x 38.1 cm.)	4		EA	\$83.92	44
CFS8110-S	5572003	20" H x 11" W x 15" L (50.8 cm. x 27.9 cm. x 38.1 cm.)	4		EA	\$94.15	44
CFS8112	5581705	16" H x 13" W x 17" L (40.6 cm. x 33 cm. x 43.2 cm.)	12		EA	\$96.67	44
CFS8112EL	5581725	24" H x 11" W x 11" L (61 cm. x 27.9 cm. x 27.9 cm.)	4		EA	\$120.42	44
CFS8112EL-S	5581727	24" H x 11" W x 11" L (61 cm. x 27.9 cm. x 27.9 cm.)	4		EA	\$129.46	44

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CFS8112-S	5581708	16" H x 13" W x 17" L (40.6 cm. x 33 cm. x 43.2 cm.)	12		EA	\$106.74	44
CFS817	5602713	Contact Factory	4		EA	\$89.91	46
CFS8576-S	5581906	13" H x 18" W x 19" L (33 cm. x 45.7 cm. x 48.3 cm.)	6		EA	\$194.80	*
CFS8720	5589303	14" H x 17" W x 18" L (35.6 cm. x 43.2 cm. x 45.7 cm.)	12		EA	\$85.16	44
CFS8720EL	5589306	24" H x 11" W x 11" L (61 cm. x 27.9 cm. x 27.9 cm.)	4		EA	\$110.42	44
CFS8720EL-S	5589308	24" H x 11" W x 11" L (61 cm. x 27.9 cm. x 27.9 cm.)	4		EA	\$119.46	44
CFS8720-S	5589301	14" H x 16" W x 14" L (35.6 cm. x 40.6 cm. x 35.6 cm.)	12		EA	\$88.85	44
CFS8812ELX	5601105	11" H x 11" W x 23" L (27.9 cm. x 27.9 cm. x 58.4 cm.)	4		EA	\$126.41	44
CFS8812ELX-S	5601107	11" H x 11" W x 23" L (27.9 cm. x 27.9 cm. x 58.4 cm.)	4		EA	\$130.25	44
CFS8812X	5601101	13" H x 16" W x 17" L (33 cm. x 40.6 cm. x 43.2 cm.)	12		EA	\$99.21	44
CFS8812X-S	5601103	13" H x 16" W x 17" L (33 cm. x 40.6 cm. x 43.2 cm.)	12		EA	\$109.03	44
CFS9005-IMF	5593701	11" H x 11" W x 11" L (27.9 cm. x 27.9 cm. x 27.9 cm.)	12		EA	\$49.36	45
CFS9110	5572101	9" H x 14" W x 17" L (22.9 cm. x 35.6 cm. x 43.2 cm.)	4		EA	\$84.21	45
CFS9110-S	5572103	9" H x 14" W x 17" L (22.9 cm. x 35.6 cm. x 43.2 cm.)	4		EA	\$94.35	45
CFS9112	5589203	14" H x 17" W x 18" L (35.6 cm. x 43.2 cm. x 45.7 cm.)	12		EA	\$95.07	45
CFS9112EL	5589213	24" H x 11" W x 11" L (61 cm. x 27.9 cm. x 27.9 cm.)	4		EA	\$122.52	45
CFS9112EL-S	5589215	24" H x 11" W x 11" L (61 cm. x 27.9 cm. x 27.9 cm.)	4		EA	\$124.65	45
CFS9112-S	5589201	14" H x 17" W x 18" L (35.6 cm. x 43.2 cm. x 45.7 cm.)	12		EA	\$104.68	45
CFS9710-S	5589101	13" H x 13" W x 17" L (33 cm. x 33 cm. x 43.2 cm.)	12		EA	\$77.93	45
CFS9720	5589003	14" H x 17" W x 18" L (35.6 cm. x 43.2 cm. x 45.7 cm.)	12		EA	\$82.76	45
CFS9720EL	5589005	24" H x 11" W x 11" L (61 cm. x 27.9 cm. x 27.9 cm.)	4		EA	\$109.56	45
CFS9720EL-S	5589007	24" H x 11" W x 11" L (61 cm. x 27.9 cm. x 27.9 cm.)	4		EA	\$117.52	45
CFS9720-S	5589001	14" H x 17" W x 18" L (35.6 cm. x 43.2 cm. x 45.7 cm.)	12		EA	\$87.56	45
CFS9812ELX	5601205	11" H x 11" W x 23" L (27.9 cm. x 27.9 cm. x 58.4 cm.)	4		EA	\$125.32	45
CFS9812ELX-S	5601207	11" H x 11" W x 23" L (27.9 cm. x 27.9 cm. x 58.4 cm.)	4		EA	\$129.03	45
CFS9812X	5601201	13" H x 16" W x 17" L (33 cm. x 40.6 cm. x 43.2 cm.)	12		EA	\$97.45	45
CFS9812X-S	5601203	13" H x 16" W x 17" L (33 cm. x 40.6 cm. x 43.2 cm.)	12		EA	\$106.82	45
CFSBCI-1	5557203	8" H x 18" W x 25" L (20.3 cm. x 45.7 cm. x 63.5 cm.)	1		EA	\$1,052.71	*
CFSCB05S-C20	FCCBB20S	Contact Factory	12		EA	\$64.35	47
CFSCB10	5612604	Contact Factory	6		EA	\$57.32	47
CFSFSR-10	5560321	9" H x 14" W x 21" L (22.9 cm. x 35.6 cm. x 53.3 cm.)	15		EA	\$95.17	46
CFSFSR-5	5560320	9" H x 14" W x 21" L (22.9 cm. x 35.6 cm. x 53.3 cm.)	15		EA	\$100.48	46

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CFSM1254	CFSM1254	Unit 67" H x 13.5" W x 13.5" L (170.2 cm. x 34.3 cm. x 34.3 cm.) Tank 40" H x 15.5" D x 15.5" L (101.6 cm. x 39.4 cm. x 39.4 cm.)	1		EA	\$2,467.89	35
CFSRO TDS MTR	5591831	8" H x 3" W x 2" L (20.3 cm. x 7.6 cm. x 5.1 cm.)	1		EA	\$256.81	*
CFSRO WRENCH	45-601	1" H x 4" W x 10" L (2.5 cm. x 10.2 cm. x 25.4 cm.)	1		EA	Call for Price	*
CFSRO-1200	5590501	22" H x 17" W x 38" L (55.9 cm. x 43.2 cm. x 96.5 cm.)	1		EA	\$9,244.41	*
CFSRO-600	5590301	17" H x 21" W x 38" L (43.2 cm. x 53.3 cm. x 96.5 cm.)	1		EA	\$7,089.07	*
CFSTK62B Water Test Kit	183701	7.3" H x 15" W x 10.3" L (18.5 cm. x 38.1 cm. x 26.2 cm.)	1		EA	Call for Price	*
CFSTSD w/CFS217H	5573301	11" H x 11" W x 14" L (27.9 cm. x 27.9 cm. x 35.6 cm.)	4		EA	\$692.98	*
CFSUV-3	5608301	6" H x 6" W x 21" L (15.2 cm. x 15.2 cm. x 53.3 cm.)	1		EA	\$759.40	33
CFSUV-5	5574801	6" H x 13" W x 22" L (15.2 cm. x 33 cm. x 55.9 cm.)	1		EA	\$1,084.22	33
CFSUV-5.2 (220/50)	5574802	6" H x 13" W x 22" L (15.2 cm. x 33 cm. x 55.9 cm.)	1		EA	\$1,084.22	33
CFSWTS Water Test Kit	5555604	5" H x 7" W x 8" L (12.7 cm. x 17.8 cm. x 20.3 cm.)	1		EA	\$67.19	*
COUPLER	6899831	Contact Factory	1		EA	\$2.09	47
CTG C for BEV150 system	5599505	9" H x 9" W x 16" L (22.9 cm. x 22.9 cm. x 40.6 cm.)	4		EA	\$72.19	*
CTG C for STM/TSR150 system	5599501	9" H x 9" W x 16" L (22.9 cm. x 22.9 cm. x 40.6 cm.)	4		EA	\$72.19	*
CTG H for TSR150	5599601	9" H x 9" W x 16" L (22.9 cm. x 22.9 cm. x 40.6 cm.)	4		EA	\$72.94	*
CTG M for BEV150	5598709	6" H x 7" W x 15" L (15.2 cm. x 17.8 cm. x 38.1 cm.)	4		EA	\$430.59	*
CTG M for STM/TSR150	5598707	6" H x 7" W x 15" L (15.2 cm. x 17.8 cm. x 38.1 cm.)	4		EA	\$430.59	*
CTG S for BEV150	5599705	9" H x 9" W x 16" L (22.9 cm. x 22.9 cm. x 40.6 cm.)	4		EA	\$64.55	*
CTG S for STM/TSR150	5599701	9" H x 9" W x 16" L (22.9 cm. x 22.9 cm. x 40.6 cm.)	4		EA	\$64.55	*
CTG T for BEV150	5599805	9" H x 9" W x 16" L (22.9 cm. x 22.9 cm. x 40.6 cm.)	4		EA	\$109.39	*
CTG T for TSR150	5599801	9" H x 9" W x 16" L (22.9 cm. x 22.9 cm. x 40.6 cm.)	4		EA	\$109.39	*
DF1 Manifold Assy.(DF1XX)	6228501	Contact Factory	1		EA	\$772.50	37
DF2 Manifold Assy. (DF2XX)	6228401	Contact Factory	1		EA	\$945.08	37
DF290-CL	5623601	Contact Factory	1		EA	\$2,078.42	17
DP190	5624301	Contact Factory	1		EA	\$1,189.78	17
DP260	5625501	Contact Factory	1		EA	\$1,549.56	17
DP290	5624201	Contact Factory	1		EA	\$1,778.12	17
DP295 CL	5624204	Contact Factory	1		EA	\$1,780.92	17
DP390	5624102	Contact Factory	1		EA	\$2,484.31	17
Dual Port Single Manifold Assy.(DP1XX).	6228603	Contact Factory	1		EA	\$701.07	36
Dual Port Triple Manifold Assy(DP3XX)	6228403	Contact Factory	1		EA	\$1,161.19	36
Dual Port Twin Manifold Assy. (DP2XX)	6228503	Contact Factory	1		EA	\$935.73	36
DWS160-L	5627201	Contact Factory	1		EA	\$493.16	15
EP PLUG	5601601	11" H x 12" W x 16" L (27.9 cm. x 30.5 cm. x 40.6 cm.)	12		EA	\$69.73	*

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ESP114-T	5617609	15-1/4" H x 10-1/2" D x 15-3/4" L (38.7 cm. x 26.7 cm. x 40.0 cm.)	6		EA	\$203.23	19
ESP124-T	5617610	10-1/2" H x 10-1/2" D x 28-1/4" L (26.7 cm. x 26.7 cm. x 71.8 cm.)	4		EA	\$215.98	19
FSCWS034ME-CAB	FSCWS034ME-CAB	Contact Factory	1		EA	\$1,902.90	29
FSTM075 (without Permeate Pump)	5612306	Contact Factory	1		EA	\$811.55	23
HFRO 500	5626903	Contact Factory	1		EA	\$894.00	23
HF05-MS	5609327	20-3/8" H x 10-1/2" D x 15-3/4" L (51.8 cm. x 26.7 cm. x 40.0 cm.)	1		EA	\$69.14	41
HF10-MS	5609329	20-3/8" H x 10-1/2" D x 15-3/4" L (51.8 cm. x 26.7 cm. x 40.0 cm.)	8		EA	\$94.71	43
HF15-MS	5609331	20-3/8" H x 10-1/2" D x 15-3/4" L (51.8 cm. x 26.7 cm. x 40.0 cm.)	8		EA	\$87.15	41
HF160-CL	5626001	Contact Factory	1		EA	\$349.23	15
HF160-CLS	5626002	Contact Factory	1		EA	\$358.61	13
HF195-CL	5625802	Contact Factory	1		EA	\$460.39	13
HF20	5615101	15-1/4" H x 10-1/2" D x 23-1/4" L (38.7 cm. x 26.7 cm. x 59.1 cm.)	6		EA	\$92.55	43
HF20-MS	5615109	15-1/4" H x 10-1/2" D x 23-1/4" L (38.7 cm. x 26.7 cm. x 59.1 cm.)	6		EA	\$104.97	43
HF20-S	5615103	15-1/4" H x 10-1/2" D x 23-1/4" L (38.7 cm. x 26.7 cm. x 59.1 cm.)	6		EA	\$101.71	43
HF25	5615201	15-1/4" H x 10-1/2" D x 23-1/4" L (38.7 cm. x 26.7 cm. x 59.1 cm.)	6		EA	\$90.17	40
HF25-MS	5615209	15-1/4" H x 10-1/2" D x 23-1/4" L (38.7 cm. x 26.7 cm. x 59.1 cm.)	6		EA	\$102.82	40
HF25-S	5615203	15-1/4" H x 10-1/2" D x 23-1/4" L (38.7 cm. x 26.7 cm. x 59.1 cm.)	6		EA	\$99.57	40
HF25-S-SR	5615240	15-1/4" H x 10-1/2" D x 23-1/4" L (38.7 cm. x 26.7 cm. x 59.1 cm.)	6		EA	\$91.41	40
HF25-S-SR-5	5615238	15-1/4" H x 10-1/2" D x 23-1/4" L (38.7 cm. x 26.7 cm. x 59.1 cm.)	6		EA	\$91.41	40
HF27	5615227	15-1/4" H x 10-1/2" D x 23-1/4" L (38.7 cm. x 26.7 cm. x 59.1 cm.)	4		EA	\$72.04	40
HF27-S	5615231	15-1/4" H x 10-1/2" D x 23-1/4" L (38.7 cm. x 26.7 cm. x 59.1 cm.)	4		EA	\$88.22	40
HF295-CL	5627501	Contact Factory	1		EA	\$1,493.82	15
HF30	5615105	10-1/2" H x 10-1/2" D x 28-1/4" L (26.7 cm. x 26.7 cm. x 71.8 cm.)	4		EA	\$117.92	43
HF30-MS	5615111	10-1/2" H x 10-1/2" D x 28-1/4" L (26.7 cm. x 26.7 cm. x 71.8 cm.)	4		EA	\$124.81	43
HF30-S	5615107	10-1/2" H x 10-1/2" D x 28-1/4" L (26.7 cm. x 26.7 cm. x 71.8 cm.)	4		EA	\$121.51	43

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HF35	5615205	10-1/2" H x 10-1/2" D x 28-1/4" L (26.7 cm. x 26.7 cm. x 71.8 cm.)	4		EA	\$112.32	40
HF35-MS	5615211	10-1/2" H x 10-1/2" D x 28-1/4" L (26.7 cm. x 26.7 cm. x 71.8 cm.)	4		EA	\$124.04	40
HF35-S	5615207	10-1/2" H x 10-1/2" D x 28-1/4" L (26.7 cm. x 26.7 cm. x 71.8 cm.)	4		EA	\$120.78	40
HF40	5613303	10-1/2" H x 5-1/2" D x 23-1/4" L (26.7 cm. x 14.0 cm. x 59.1 cm.)	2		EA	\$178.63	42
HF40-S	5613305	10-1/2" H x 5-1/2" D x 23-1/4" L (26.7 cm. x 14.0 cm. x 59.1 cm.)	2		EA	\$183.32	42
HF45	5613307	10-1/2" H x 5-1/2" D x 23-1/4" L (26.7 cm. x 14.0 cm. x 59.1 cm.)	2		EA	\$169.42	40
HF45-S	5613309	10-1/2" H x 5-1/2" D x 23-1/4" L (26.7 cm. x 14.0 cm. x 59.1 cm.)	2		EA	\$174.10	40
HF45-S-SR	5613346	10-1/2" H x 5-1/2" D x 23-1/4" L (26.7 cm. x 14.0 cm. x 59.1 cm.)	2		EA	\$144.29	40
HF45-S-SR5	5613344	10-1/2" H x 5-1/2" D x 23-1/4" L (26.7 cm. x 14.0 cm. x 59.1 cm.)	2		EA	\$144.29	40
HF60	5613403	22" H x 4-7/8" D x 4-7/8" L (55.9 cm. x 12.4 cm. x 12.4 cm.)	1		EA	\$235.24	42
HF60-CL	5625901	Contact Factory	1		EA	\$252.53	42
HF60-CLS	5625902	Contact Factory	1		EA	\$261.46	42
HF60-S	5613405	22" H x 4-7/8" D x 4-7/8" L (55.9 cm. x 12.4 cm. x 12.4 cm.)	1		EA	\$246.05	42
HF65	5613407	22" H x 4-7/8" D x 4-7/8" L (55.9 cm. x 12.4 cm. x 12.4 cm.)	1		EA	\$224.11	40
HF65-S	5613409	22" H x 4-7/8" D x 4-7/8" L (55.9 cm. x 12.4 cm. x 12.4 cm.)	1		EA	\$234.87	40
HF65-S-SR	5613453	22" H x 4-7/8" D x 4-7/8" L (55.9 cm. x 12.4 cm. x 12.4 cm.)	1		EA	\$194.65	40
HF65-S-SR5	5613451	22" H x 4-7/8" D x 4-7/8" L (55.9 cm. x 12.4 cm. x 12.4 cm.)	1		EA	\$194.65	40
HF8-S	5582106	Contact Factory	10		EA	\$73.04	41
HF90	5613503	28" H x 4-7/8" D x 4-7/8" L (71.1 cm. x 12.4 cm. x 12.4 cm.)	1		EA	\$352.92	42
HF90-CL	5613501	28" H x 4-7/8" D x 4-7/8" L (71.1 cm. x 12.4 cm. x 12.4 cm.)	1		EA	\$376.28	42
HF90-CL-RO	5613529	Contact Factory	1		EA	\$387.57	42
HF90-S	5613505	28" H x 4-7/8" D x 4-7/8" L (71.1 cm. x 12.4 cm. x 12.4 cm.)	1		EA	\$363.66	42
HF90-S-SR	5617105	28" H x 4-7/8" D x 4-7/8" L (71.1 cm. x 12.4 cm. x 12.4 cm.)	1		EA	\$414.81	42
HF90-S-SR5	5617107	28" H x 4-7/8" D x 4-7/8" L (71.1 cm. x 12.4 cm. x 12.4 cm.)	1		EA	\$414.81	42

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HF95	5613507	28" H x 4-7/8" D x 4-7/8" L (71.1 cm. x 12.4 cm. x 12.4 cm.)	1		EA	\$334.35	40
HF95-CL	5627302	Contact Factory	1		EA	\$358.36	40
HF95-S	5613509	28" H x 4-7/8" D x 4-7/8" L (71.1 cm. x 12.4 cm. x 12.4 cm.)	1		EA	\$345.07	40
HF95-S-SR	5613527	28" H x 4-7/8" D x 4-7/8" L (71.1 cm. x 12.4 cm. x 12.4 cm.)	1		EA	\$285.98	40
HF95-S-SR5	5613525	28" H x 4-7/8" D x 4-7/8" L (71.1 cm. x 12.4 cm. x 12.4 cm.)	1		EA	\$285.98	40
High Flow Manifold Flushkit	5606502	Contact Factory	1		EA	\$59.92	37
HWS050	HWS050	Unit 27" H x 10" W x 10" L (68.6 cm. x 25.4 cm. x 25.4 cm.) Tank 25" H x 18" W x 18" L (63.5 cm. x 45.7 cm. x 45.7 cm.)	1		EA	\$2,631.97	27
HWS100	HWS100	Unit 32" H x 10" W x 10" L (81.3 cm. x 25.4 cm. x 25.4 cm.) Tank 25" H x 18" W x 18" L (63.5 cm. x 45.7 cm. x 45.7 cm.)	1		EA	\$2,990.17	27
ICE120-S	5616003	15-1/4" H x 10-1/2" D x 23-1/4" L (38.7 cm. x 26.7 cm. x 59.1 cm.)	6		EA	\$306.79	11
ICE125-S	5616004	15-1/4" H x 10-1/2" D x 23-1/4" L (38.7 cm. x 26.7 cm. x 59.1 cm.)	6		EA	\$304.64	11
ICE140-S	5616203	10-1/2" H x 5-1/2" D x 23-1/4" L (26.7 cm. x 14.0 cm. x 59.1 cm.)	2		EA	\$407.81	11
ICE145-S	5616204	10-1/2" H x 5-1/2" D x 23-1/4" L (26.7 cm. x 14.0 cm. x 59.1 cm.)	2		EA	\$398.14	11
ICE160-S	5616303	22" H x 4-7/8" D x 4-7/8" L (55.9 cm. x 12.4 cm. x 12.4 cm.)	1		EA	\$471.17	11
ICE165-S	5616304	22" H x 4-7/8" D x 4-7/8" L (55.9 cm. x 12.4 cm. x 12.4 cm.)	1		EA	\$459.45	11
ICE190-S	5616403	28" H x 4-7/8" D x 4-7/8" L (71.1 cm. x 12.4 cm. x 12.4 cm.)	1		EA	\$594.66	11
ICE195-S	5616404	28" H x 4-7/8" D x 4-7/8" L (71.1 cm. x 12.4 cm. x 12.4 cm.)	1		EA	\$575.17	11
ICE260-S	5624503	27"H x 13.5"D x 10.5"L (68.58 cm. x 34.5 cm x 26.67 cm)	1		EA	\$1,332.91	11
ICE265-S	5624504	27"H x 13.5"D x 10.5"L (68.58 cm. x 34.5 cm x 26.67 cm)	1		EA	\$1,309.42	11
MINERAL CLEANER & RUST REDUCER	IX2412	8.8" H x 9.5" W x 8.8" L (22.4 cm. x 24.1 cm. x 22.4 cm.)	12		CS	Call for Price	*
MEMBRANE RO125	5599101	36.5" H x 4.5" W x 4.5" L (92.7 cm. x 11.4 cm. x 11.4 cm.)	1		EA	\$337.95	*
MEMBRANE RO600/1200	5599104	36.5" H x 4.5" W x 4.5" L (92.7 cm. x 11.4 cm. x 11.4 cm.)	1		EA	\$1,339.00	*
ML MEDIA.5 CUBIC FT	ML-050P	13" H x 11.5" D (33 cm. x 29.2 cm.)	1		EA	Call for Price	31
N MEDIA.5 CUBIC FT	N-050P	13" H x 11.5" D (33 cm. x 29.2 cm.)	1		EA	Call for Price	31
NH3 -1/2" NPT head - no gauge port (flat head)	6214415	Contact Factory	12		EA	\$76.54	36

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NH3-1/2" NPT Shut-off Ball Valve Kit	6216501	Contact Factory	12		EA	\$26.83	38
NH3 Flush Valve Kit	6216503	Contact Factory	1		EA	\$54.25	37
P-124B	5609106	24" H x 11" W x 11" L (61 cm. x 27.9 cm. x 27.9 cm.)	4		EA	\$162.21	*
P124BN	5610901	10-1/2" H x 10-1/2" D x 28-1/4" L (26.7 cm. x 26.7 cm. x 71.8 cm.)	4		EA	\$167.65	41
P-124BV	5609706	24" H x 11" W x 11" L (61 cm. x 27.9 cm. x 27.9 cm.)	4		EA	\$179.37	*
P165BN	5615601	22" H x 4-7/8" D x 4-7/8" L (55.9 cm. x 12.4 cm. x 12.4 cm.)	1		EA	\$257.08	41
P195BN	5615001	28" H x 4-7/8" D x 4-7/8" L (71.1 cm. x 12.4 cm. x 12.4 cm.)	1		EA	\$311.46	41
Part-HF Double Ended Connector w/ Gauge Port	85-8526	Contact Factory	1		EA	Call for Price	38
Part-HF Male NPT Adapter	85-8522	Contact Factory	1		EA	Call for Price	38
Part-HF Double Ended Connector	85-8525	Contact Factory	1		EA	Call for Price	38
Part-HF Plug	85-8527	Contact Factory	1		EA	Call for Price	38
Part-HF Ball Valve - 3/4" FNPT	60-235280	Contact Factory	1		EA	Call for Price	38
Part-HF O-ring	63597320	Contact Factory	1		EA	Call for Price	38
PH PLUS	PHPLUS	7.5" H x 15" W x 7.2" L (19.1 cm. x 38.1 cm. x 18.3 cm.)	6		CS	Call for Price	38
Pressure Gauge 1/4" NPT	8500555	Contact Factory	1		EA	\$95.79	38
Pressure Gauge 1/8" NPT	8500556	Contact Factory	1		EA	\$95.79	38
PS114	5610909	15-1/4" H x 10-1/2" D x 23-1/4" L (38.7 cm. x 26.7 cm. x 59.1 cm.)	6		EA	\$75.95	41
PS124	5610907	10-1/2" H x 10-1/2" D x 28-1/4" L (26.7 cm. x 26.7 cm. x 71.8 cm.)	4		EA	\$94.65	41
PS195	5615013	Contact Factory	1		EA	\$224.30	41
Quartz Sleeve	5605836	Contact Factory	1		EA	Call for Price	33
Quartz Sleeve	5605838	Contact Factory	1		EA	Call for Price	33
Repl't Lamp	5605835	Contact Factory	1		EA	Call for Price	33
Repl't Lamp	5605837	Contact Factory	1		EA	Call for Price	33
ScaleGard™ HP Reverse Osmosis System	5629101	Contact Factory	1		EA	\$5,990.00	23
ScaleGard HP Reverse Osmosis System (110 V)	6239301	Contact Factory	1		EA	Call for Price	23
ScaleGard HP Reverse Osmosis System (220 V)	6239302	Contact Factory	1		EA	Call for Price	23
SF165	5624601	Contact Factory	1		EA	\$990.96	23
SF165 Manifold Assy. (SF1XX)	6228601	Contact Factory	1		EA	\$693.83	36
SF18-BRKT	36-331501	Contact Factory	1		EA	\$27.38	29
SF18-S	5607703	8" H x 8" D x 15" L (20.3 cm. x 20.3 cm. x 38.1 cm.)	6		EA	\$149.37	29
SGLP-RO (with Permeate Pump)	5612304	Contact Factory	1		EA	\$1,062.80	23
SGP124BN-T	5617603	10-1/2" H x 10-1/2" D x 28-1/4" L (26.7 cm. x 26.7 cm. x 71.8 cm.)	4		EA	\$299.46	19
SGP165BN-T	5617601	22" H x 4-7/8" D x 4-7/8" L (55.9 cm. x 12.4 cm. x 12.4 cm.)	1		EA	\$393.40	19
SGP195BN-T	5617602	28" H x 4-7/8" D x 4-7/8" L (71.1 cm. x 12.4 cm. x 12.4 cm.)	1		EA	\$450.48	19
SH-EXP	6235201	Contact Factory	1		EA	\$234.65	37
SQC Softener Flush Kit	5606501	3" H x 8" W x 6" L 7.6 cm. x 20.3 cm. x 15.2 cm.)	1		EA	\$73.60	*
STM150	STM150	10" H x 15" W x 19" L (25.4 cm. x 38.1 cm. x 48.3 cm.)	1		EA	\$2,607.08	*
SWC1350	5599205	24" H x 11" W x 11" L (61 cm. x 27.9 cm. x 27.9 cm.)	4		EA	\$96.51	44

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SWC1350-C	5599207	24" H x 11" W x 11" L (61 cm. x 27.9 cm. x 27.9 cm.)	4		EA	\$96.51	44
SWC-1X24 threaded hose connector	SWC-1X24	Contact Factory	1		EA	\$99.19	31
SWC900	5599201	19" H x 15" W x 19" L (48.3 cm. x 38.1 cm. x 48.3 cm.)	12		EA	\$83.19	44
SWC900-C	5599203	19" H x 15" W x 19" L (48.3 cm. x 38.1 cm. x 48.3 cm.)	12		EA	\$84.55	44
SWC9135	5572201	24" H x 11" W x 11" L (61 cm. x 27.9 cm. x 27.9 cm.)	4		EA	\$100.35	45
SWC9135-C	5572203	24" H x 11" W x 11" L (61 cm. x 27.9 cm. x 27.9 cm.)	4		EA	\$100.35	45
TFS450 Cartpak includes ctgs and (2) Modules	5624801	Contact Factory	1		EA.	\$1,525.20	13
TFS450 Module Cartpak includes (2) Modules	5624802	Contact Factory	1		EA.	\$861.07	13
TFS450 Pumping Module	6233901	Contact Factory	1		EA	\$1,520.62	*
TFS450 System	5623901	Contact Factory	1		EA.	\$3,302.58	13
TFS450 System with bypass plug in post filter, excludes Prefilter	5623902	Contact Factory	1		EA.	\$2,646.95	*
TFS450 Install Kit	50-91301	Contact Factory	1		EA	\$208.09	13
Triple Manifold Assy.	6228405	Contact Factory	1		EA	\$965.19	36
TSR150	TSR150-4	10" H x 15" W x 19" L (25.4 cm. x 38.1 cm. x 48.3 cm.)	1		EA	\$2,607.08	*
Twin Manifold	6228505	Contact Factory	1		EA	\$727.15	36
VH3- Flush Valve Kit	6216505	Contact Factory	1		EA	\$50.46	37
VH3- NPT heads (3/8" NPT)	6213003	Contact Factory	12		EA	\$109.28	36
VH3- NPT heads (3/8" NPT)	6213001	Contact Factory	12		EA	\$205.09	36
VH3- NPT heads (3/8" NPT)	6213036	Contact Factory	12		EA	\$110.00	36
Wrench for 20" 4.5 Diameter Housing	6890033	1" H x 4" W x 10" L (2.5 cm. x 10.2 cm. x 25.4 cm.)	1		EA	Call for Price	*

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Part #	Model #	Shipping Dimensions	Cs	Qty	Pkg	List Price	Page
183701	CFSTK62B Water Test Kit	7.3" H x 15" W x 10.3" L (18.5 cm. x 38.1 cm. x 26.2 cm.)	1		EA	Call for Price	*
4629020	CFS217	8" H x 14" W x 20" L (20.3 cm. x 35.6 cm. x 50.8 cm.)	24		EA	\$67.20	*
5555604	CFSWTS Water Test Kit	5" H x 7" W x 8" L (12.7 cm. x 17.8 cm. x 20.3 cm.)	1		EA	\$67.19	*
5557203	CFSBCI-1	8" H x 18" W x 25" L (20.3 cm. x 45.7 cm. x 63.5 cm.)	1		EA	\$1,052.71	*
5557503	CFS01S	11"H x 11" W x 21" L (27.9 cm. x 27.9 cm. x 53.3 cm.)	4		EA	\$223.39	39
5557506	CFS01T	11"H x 11" W x 21" L (27.9 cm. x 27.9 cm. x 53.3 cm.)	4		EA	\$294.14	39
5557609	CFS02S	29.7" H x 5.5" W x 10.6" L (75.4 cm. x 14 cm. x 26.9 cm.)	2		EA	\$314.91	39
5557610	CFS02T	29.7" H x 5.5" W x 10.6" L (75.4 cm. x 14 cm. x 26.9 cm.)	2		EA	\$315.83	39
5558401	CFS517LS	Contact Factory	12		EA	\$81.44	44
5558802	CFS11T	12" H x 12" W x 20" L (30.5 cm. x 30.5 cm. x 50.8 cm.)	4		EA	\$186.58	39
5558803	CFS11S	12" H x 12" W x 20" L (30.5 cm. x 30.5 cm. x 50.8 cm.)	4		EA	\$146.23	39
5558902	CFS12T	5" H x 10" W x 26" L (12.7 cm. x 25.4 cm. x 66 cm.)	2		EA	\$279.08	39
5559304	CFS117	11" H x 13" W x 19" L (27.9 cm. x 33 cm. x 48.3 cm.)	24		EA	\$51.50	46
5559305	CFS017-C20	9"H x 14" W x 21" L (22.9 cm. x 35.6 cm. x 53.3 cm.)	15		EA	\$66.60	47
5559408	CFS017S-C20	9"H x 14" W x 21" L (22.9 cm. x 35.6 cm. x 53.3 cm.)	15		EA	\$82.98	47
5559412	CFS117-S	11" H x 13" W x 19" L (27.9 cm. x 33 cm. x 48.3 cm.)	24		EA	\$50.50	46
5560001	CFS517	Contact Factory	12		EA	\$121.47	44
5560101	CFS717LS	8" H x 12" W x 17" L (20.3 cm. x 30.5 cm. x 43.2 cm.)	10		EA	\$42.63	*
5560201	CFS717	8" H x 12" W x 17" L (20.3 cm. x 30.5 cm. x 43.2 cm.)	10		EA	\$55.60	*
5560313	CFS2501	8" H x 10" W x 15" L (20.3 cm. x 25.4 cm. x 38.1 cm.)	6		EA	\$193.01	*
5560318	CFS2502	26" H x 8" W x 11" L (66 cm. x 20.3 cm. x 27.9 cm.)	6		EA	\$347.17	*
5560320	CFSFSR-5	9" H x 14" W x 21" L (22.9 cm. x 35.6 cm. x 53.3 cm.)	15		EA	\$100.48	46
5560321	CFSFSR-10	9" H x 14" W x 21" L (22.9 cm. x 35.6 cm. x 53.3 cm.)	15		EA	\$95.17	46
5560904	CFS420IMF	12" H x 14" W x 20" L (30.5 cm. x 35.6 cm. x 50.8 cm.)	24		EA	\$76.12	46
5570611	PREFILTER for FSTM/SGLP	Contact Factory	1		EA	\$51.66	23
5572001	CFS8110	20" H x 11" W x 15" L (50.8 cm. x 27.9 cm. x 38.1 cm.)	4		EA	\$83.92	46
5572003	CFS8110-S	20" H x 11" W x 15" L (50.8 cm. x 27.9 cm. x 38.1 cm.)	4		EA	\$94.15	46
5572101	CFS9110	9" H x 14" W x 17" L (22.9 cm. x 35.6 cm. x 43.2 cm.)	4		EA	\$84.21	45
5572103	CFS9110-S	9" H x 14" W x 17" L (22.9 cm. x 35.6 cm. x 43.2 cm.)	4		EA	\$94.35	45
5572201	SWC9135	24" H x 11" W x 11" L (61 cm. x 27.9 cm. x 27.9 cm.)	4		EA	\$100.35	45
5572203	SWC9135-C	24" H x 11" W x 11" L (61 cm. x 27.9 cm. x 27.9 cm.)	4		EA	\$100.35	45
5573301	CFSTSD w/CFS217H	11" H x 11" W x 14" L (27.9cm. x 27.9 cm. x 35.6 cm.)	4		EA	\$692.98	*
5574801	CFSUV-5	6" H x 13" W x 22" L (15.2 cm. x 33 cm. x 55.9 cm.)	1		EA	\$1,084.22	33

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5574802	CFSUV-5.2 (220/50)	6" H x 13" W x 22" L (15.2 cm. x 33 cm. x 55.9 cm.)	1		EA	\$1,084.22	33
5575703	CFS2506	8" H x 12" W x 17" L (20.3 cm. x 30.5 cm. x 43.2 cm.)	6		EA	\$189.58	*
5575704	CFS2507	27" H x 8" W x 11" L (68.6 cm. x 20.3 cm. x 27.9 cm.)	6		EA	\$250.60	*
5577801	9.75" GAC Prefilter for CFSRO-LP	11" H x 18" W x 18" L (27.9 cm. x 45.7 cm. x 45.7 cm.)	1		EA	\$41.41	*
5581705	CFS8112	16" H x 13" W x 17" L (40.6 cm. x 33 cm. x 43.2 cm.)	12		EA	\$96.67	44
5581708	CFS8112-S	16" H x 13" W x 17" L (40.6 cm. x 33 cm. x 43.2 cm.)	12		EA	\$106.74	46
5581725	CFS8112EL	24" H x 11" W x 11" L (61 cm. x 27.9 cm. x 27.9 cm.)	4		EA	\$120.42	44
5581727	CFS8112EL-S	24" H x 11" W x 11" L (61 cm. x 27.9 cm. x 27.9 cm.)	4		EA	\$129.46	44
5581906	CFS8576-S	13" H x 18" W x 19" L (33 cm. x 45.7 cm. x 48.3 cm.)	6		EA	\$194.80	*
5582106	HF8-S	Contact Factory	10		EA	\$73.04	41
5585401	CFS8000-S	10" H x 11" W x 12" L (25.4 cm. x 27.9 cm. x 30.5 cm.)	6		EA	\$86.54	44
5589001	CFS9720-S	14" H x 17" W x 18" L (35.6 cm. x 43.2 cm. x 45.7 cm.)	12		EA	\$87.56	45
5589003	CFS9720	14" H x 17" W x 18" L (35.6 cm. x 43.2 cm. x 45.7 cm.)	12		EA	\$82.76	45
5589005	CFS9720EL	24" H x 11" W x 11" L (61 cm. x 27.9 cm. x 27.9 cm.)	4		EA	\$109.56	45
5589007	CFS9720EL-S	24" H x 11" W x 11" L (61 cm. x 27.9 cm. x 27.9 cm.)	4		EA	\$117.52	45
5589101	CFS9710-S	13" H x 13" W x 17" L (33 cm. x 33 cm. x 43.2 cm.)	12		EA	\$77.93	45
5589201	CFS9112-S	14" H x 17" W x 18" L (35.6 cm. x 43.2 cm. x 45.7 cm.)	12		EA	\$104.68	45
5589203	CFS9112	14" H x 17" W x 18" L (35.6 cm. x 43.2 cm. x 45.7 cm.)	12		EA	\$95.07	45
5589213	CFS9112EL	24" H x 11" W x 11" L (61 cm. x 27.9 cm. x 27.9 cm.)	4		EA	\$122.52	45
5589215	CFS9112EL-S	24" H x 11" W x 11" L (61 cm. x 27.9 cm. x 27.9 cm.)	4		EA	\$124.65	45
5589301	CFS8720-S	14" H x 16" W x 14" L (35.6 cm. x 40.6 cm. x 35.6 cm.)	12		EA	\$88.85	44
5589303	CFS8720	14" H x 17" W x 18" L (35.6 cm. x 43.2 cm. x 45.7 cm.)	12		EA	\$85.16	44
5589306	CFS8720EL	24" H x 11" W x 11" L (61 cm. x 27.9 cm. x 27.9 cm.)	4		EA	\$110.42	44
5589308	CFS8720EL-S	24" H x 11" W x 11" L (61 cm. x 27.9 cm. x 27.9 cm.)	4		EA	\$119.46	44
5589807	CFS215-2	14" H x 14" W x 21" L (35.6 cm. x 35.6 cm. x 53.3 cm.)	4		EA	\$154.37	47
5590301	CFSRO-600	17" H x 21" W x 38" L (43.2 cm. x 53.3 cm. x 96.5 cm.)	1		EA	\$7,089.07	*
5590501	CFSRO-1200	22" H x 17" W x 38" L (55.9 cm. x 43.2 cm. x 96.5 cm.)	1		EA	\$9,244.41	*
5590701	20" Carbon block prefilter for CFSRO125/CFSRO1200	20" H x 4" W x 4" L (50.8 cm. x 10.2 cm. x 10.2 cm.)	1		EA	\$82.74	*
5591101	9.75" Post treatment cartridge for B-assembly	Contact Factory	1		EA	\$218.81	*
5591202	20 gal. Fiberglass Hydropneumatic Tank w/ Install Kit	Contact Factory	1		EA	\$1,417.88	*
5591203	40 gal. Hydropneumatic Tank Kit for CFSRO300/600/900/1200	25" H x 25" W x 56" L (63.5 cm. x 63.5 cm. x 142.2 cm.)	1		EA	\$1,583.06	*

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Part #	Model #	Shipping Dimensions	Cs	Qty	Pkg	List Price	Page
5591831	CFSRO TDS MTR	8" H x 3" W x 2" L (20.3 cm. x 7.6 cm. x 5.1 cm.)	1		EA	\$256.81	*
5592004	CFS1610SS	10" H x 10" W x 14" L (25.4 cm. x 25.4 cm. x 35.6 cm.)	4		EA	\$664.27	*
5592005	CFS2610SS	5" H x 5" W x 24" L (12.7 cm. x 12.7 cm. x 61 cm.)	1		EA	\$1,110.58	*
5593405	CFS217-H	8" H x 14" W x 20" L (20.3 cm. x 35.6 cm. x 50.8 cm.)	24		EA	\$50.14	47
5593701	CFS9005-IMF	11" H x 11" W x 11" L (27.9 cm. x 27.9 cm. x 27.9 cm.)	12		EA	\$49.36	45
5598405	2.5 gal. Hydropneumatic Tank Kit for BEV/STM/TSR	17" H x 11" W x 17" L (43.2 cm. x 27.9 cm. x 43.2 cm.)	1		EA	\$240.68	*
5598406	5 gal. Hydropneumatic Tank Kit for BEV/STM/TSR	18" H x 18" W x 18" L (45.7 cm. x 45.7 cm. x 45.7 cm.)	1		EA	\$521.28	*
5598407	10 gal. Hydropneumatic Tank Kit for BEV/STM/TSR	17" H x 17" W x 34" L (43.2 cm. x 43.2 cm. x 86.4 cm.)	1		EA	\$819.73	*
5598409	40 gal. Hydropneumatic Tank Kit for BEV/STM/TSR	25" H x 25" W x 58" L (63.5 cm. x 63.5 cm. x 147.3 cm.)	1		EA	\$1,529.52	24
5598707	CTG M for STM/TSR150	6" H x 7" W x 15" L (15.2 cm. x 17.8 cm. x 38.1 cm.)	4		EA	\$430.59	*
5598709	CTG M for BEV150	6" H x 7" W x 15" L (15.2 cm. x 17.8 cm. x 38.1 cm.)	4		EA	\$430.59	*
5598721	MEMBRANE for FSTM/SGLP	Contact Factory	1		EA	\$367.09	23
5599101	MEMBRANE RO125	36.5" H x 4.5" W x 4.5" L (92.7 cm. x 11.4 cm. x 11.4 cm.)	1		EA	\$337.95	*
5599104	MEMBRANE RO600/1200	36.5" H x 4.5" W x 4.5" L (92.7 cm. x 11.4 cm. x 11.4 cm.)	1		EA	\$1,339.00	*
5599201	SWC900	19" H x 15" W x 19" L (48.3 cm. x 38.1 cm. x 48.3 cm.)	12		EA	\$83.19	44
5599203	SWC900-C	19" H x 15" W x 19" L (48.3 cm. x 38.1 cm. x 48.3 cm.)	12		EA	\$84.55	40
5599205	SWC1350	24" H x 11" W x 11" L (61 cm. x 27.9 cm. x 27.9 cm.)	4		EA	\$96.51	44
5599207	SWC1350-C	24" H x 11" W x 11" L (61 cm. x 27.9 cm. x 27.9 cm.)	4		EA	\$96.51	44
5599302	CFS6090-C	11" H x 16" W x 19" L (27.9 cm. x 40.6 cm. x 48.3 cm.)	6		EA	\$219.85	*
5599410	CFS214-2	14" H x 14" W x 21" L (35.6 cm. x 35.6 cm. x 53.3 cm.)	4		EA	\$95.51	47
5599501	CTG C for STM/TSR150 system	9" H x 9" W x 16" L (22.9 cm. x 22.9 cm. x 40.6 cm.)	4		EA	\$72.19	*
5599505	CTG C for BEV150 system	9" H x 9" W x 16" L (22.9 cm. x 22.9 cm. x 40.6 cm.)	4		EA	\$72.19	*
5599601	CTG H for TSR150	9" H x 9" W x 16" L (22.9 cm. x 22.9 cm. x 40.6 cm.)	4		EA	\$72.94	*
5599701	CTG S for STM/TSR150	9" H x 9" W x 16" L (22.9 cm. x 22.9 cm. x 40.6 cm.)	4		EA	\$64.55	*
5599705	CTG S for BEV150	9" H x 9" W x 16" L (22.9 cm. x 22.9 cm. x 40.6 cm.)	4		EA	\$64.55	*
5599801	CTG T for TSR150	9" H x 9" W x 16" L (22.9 cm. x 22.9 cm. x 40.6 cm.)	4		EA	\$109.39	*
5599805	CTG T for BEV150	9" H x 9" W x 16" L (22.9 cm. x 22.9 cm. x 40.6 cm.)	4		EA	\$109.39	*
5600002	CFS100WS	63" H x 15.5" W x 15.5" L (160 cm. x 39.4 cm. x 39.4 cm.)	1		EA	\$2,089.05	35
5600201	CFS101BWF	67" H x 13" W x 13" L (170.2 cm. x 33 cm. x 33 cm.)	1		EA	\$1,610.54	31
5600203	CFS201BWF	Contact Factory	1		EA	\$2,049.95	31
5601101	CFS8812X	13" H x 16" W x 17" L (33 cm. x 40.6 cm. x 43.2 cm.)	12		EA	\$99.21	44
5601103	CFS8812X-S	13" H x 16" W x 17" L (33 cm. x 40.6 cm. x 43.2 cm.)	12		EA	\$109.03	44

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Part #	Model #	Shipping Dimensions	Cs	Qty	Pkg	List Price	Page
5601105	CFS8812ELX	11" H x 11" W x 23" L (27.9 cm. x 27.9 cm. x 58.4 cm.)	4		EA	\$126.41	44
5601107	CFS8812ELX-S	11" H x 11" W x 23" L (27.9 cm. x 27.9 cm. x 58.4 cm.)	4		EA	\$130.25	44
5601201	CFS9812X	13" H x 16" W x 17" L (33 cm. x 40.6 cm. x 43.2 cm.)	12		EA	\$97.45	45
5601203	CFS9812X-S	13" H x 16" W x 17" L (33 cm. x 40.6 cm. x 43.2 cm.)	12		EA	\$106.82	45
5601205	CFS9812ELX	11" H x 11" W x 23" L (27.9 cm. x 27.9 cm. x 58.4 cm.)	4		EA	\$125.32	45
5601207	CFS9812ELX-S	11" H x 11" W x 23" L (27.9 cm. x 27.9 cm. x 58.4 cm.)	4		EA	\$129.03	45
5601601	EP PLUG	11" H x 12" W x 16" L (27.9 cm. x 30.5 cm. x 40.6 cm.)	12		EA	\$69.73	*
5602713	CFS817	Contact Factory	4		EA	\$89.91	46
5605835	Repl't Lamp	Contact Factory	1		EA	Call for Price	33
5605836	Quartz Sleeve	Contact Factory	1		EA	Call for Price	33
5605837	Repl't Lamp	Contact Factory	1		EA	Call for Price	33
5605838	Quartz Sleeve	Contact Factory	1		EA	Call for Price	33
5605859	Ballast (110 v)	Contact Factory	1		EA	Call for Price	33
5605867	Ballast (220 v)	Contact Factory	1		EA	Call for Price	33
5606501	SQC Softener Flush Kit	3" H x 8" W x 6" L 7.6 cm. x 20.3 cm. x 15.2 cm.)	1		EA	\$73.60	*
5606502	High Flow Manifold Flush Kit	Contact Factory	1		EA	\$59.92	*
5606601	CFS5400C	14" H x 14" W x 22" L (35.6 cm. x 35.6 cm. x 55.9 cm.)	1		EA	\$158.04	*
5606702	CFS5400 w/cartridge w/blending	Contact Factory	1		EA	\$435.59	*
5606703	CFS5400N w/cartridge w/o blending	Contact Factory	1		EA	\$399.55	*
5606704	CFS22	8" H x 16" W x 25" L (20.3 cm. x 40.6 cm. x 63.5 cm.)	2		EA	\$211.74	38
5606705	CFS22-1.5	8" H x 16" W x 25" L (20.3 cm. x 40.6 cm. x 63.5 cm.)	2		EA	\$216.31	38
5607703	SF18-S	8" H x 8" D x 15" L (20.3 cm. x 20.3 cm. x 38.1 cm.)	6		EA	\$149.37	33
5608301	CFSUV-3	6" H x 6" W x 21" L (15.2 cm. x 15.2 cm. x 53.3 cm.)	1		EA	\$759.40	33
5609106	P-124B	24" H x 11" W x 11" L (61 cm. x 27.9 cm. x 27.9 cm.)	4		EA	\$162.21	*
5609327	HF05-MS	20-3/8" H x 10-1/2" D x 15-3/4" L (51.8 cm. x 26.7 cm. x 40.0 cm.)	8		EA	\$69.14	41
5609329	HF10-MS	20-3/8" H x 10-1/2" D x 15-3/4" L (51.8 cm. x 26.7 cm. x 40.0 cm.)	8		EA	\$94.71	43
5609331	HF15-MS	20-3/8" H x 10-1/2" D x 15-3/4" L (51.8 cm. x 26.7 cm. x 40.0 cm.)	8		EA	\$87.15	41
5609706	P-124BV	24" H x 11" W x 11" L (61 cm. x 27.9 cm. x 27.9 cm.)	4		EA	\$179.37	*
5610901	P124BN	10-1/2" H x 10-1/2" D x 28-1/4" L (26.7 cm. x 26.7 cm. x 71.8 cm.)	4		EA	\$167.65	41
5610907	PS124	10-1/2" H x 10-1/2" D x 28-1/4" L (26.7 cm. x 26.7 cm. x 71.8 cm.)	4		EA	\$94.65	41
5610909	PS114	15-1/4" H x 10-1/2" D x 23-1/4" L (38.7 cm. x 26.7 cm. x 59.1 cm.)	6		EA	\$75.95	41
5612111	CFS110 9.75" cartridge	11" H x 11" W x 17" L (27.9 cm. x 27.9 cm. x 43.2 cm.)	24		EA	\$19.63	46

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Part #	Model #	Shipping Dimensions	Cs	Qty	Pkg	List Price	Page
5612113	CFS110-C10 10" cartridge	11" H x 11" W x 17" L (27.9 cm. x 27.9 cm. x 43.2 cm.)	24		EA	\$18.04	46
5612304	SGLP-075 (with Permeate Pump)	Contact Factory	1		EA	\$1,062.80	23
5612306	FSTM075 (without Permeate Pump)	Contact Factory	1		EA	\$811.55	23
5612604	CFSCB10	Contact Factory	6		EA	\$57.32	47
5613303	HF40	10-1/2" H x 5-1/2" D x 23-1/4" L (26.7 cm. x 14.0 cm. x 59.1 cm.)	2		EA	\$178.63	42
5613305	HF40-S	10-1/2" H x 5-1/2" D x 23-1/4" L (26.7 cm. x 14.0 cm. x 59.1 cm.)	2		EA	\$183.32	42
5613307	HF45	10-1/2" H x 5-1/2" D x 23-1/4" L (26.7 cm. x 14.0 cm. x 59.1 cm.)	2		EA	\$169.42	15
5613309	HF45-S	10-1/2" H x 5-1/2" D x 23-1/4" L (26.7 cm. x 14.0 cm. x 59.1 cm.)	2		EA	\$174.10	40
5613344	HF45-S-SR5	10-1/2" H x 5-1/2" D x 23-1/4" L (26.7 cm. x 14.0 cm. x 59.1 cm.)	2		EA	\$144.29	40
5613346	HF45-S-SR	10-1/2" H x 5-1/2" D x 23-1/4" L (26.7 cm. x 14.0 cm. x 59.1 cm.)	2		EA	\$144.29	40
5613403	HF60	22" H x 4-7/8" D x 4-7/8" L (55.9 cm. x 12.4 cm. x 12.4 cm.)	1		EA	\$235.24	42
5613405	HF60-S	22" H x 4-7/8" D x 4-7/8" L (55.9 cm. x 12.4 cm. x 12.4 cm.)	1		EA	\$246.05	42
5613407	HF65	22" H x 4-7/8" D x 4-7/8" L (55.9 cm. x 12.4 cm. x 12.4 cm.)	1		EA	\$224.11	40
5613409	HF65-S	22" H x 4-7/8" D x 4-7/8" L (55.9 cm. x 12.4 cm. x 12.4 cm.)	1		EA	\$234.87	40
5613444	160-L	22" H x 4-7/8" D x 4-7/8" L (55.9 cm. x 12.4 cm. x 12.4 cm.)	1		EA	\$383.16	42
5613453	HF65-S-SR	22" H x 4-7/8" D x 4-7/8" L (55.9 cm. x 12.4 cm. x 12.4 cm.)	1		EA	\$194.65	42
5613451	HF65-S-SR5	22" H x 4-7/8" D x 4-7/8" L (55.9 cm. x 12.4 cm. x 12.4 cm.)	1		EA	\$194.65	40
5613501	HF90-CL	28" H x 4-7/8" D x 4-7/8" L (71.1 cm. x 12.4 cm. x 12.4 cm.)	1		EA	\$376.28	40
5613503	HF90	28" H x 4-7/8" D x 4-7/8" L (71.1 cm. x 12.4 cm. x 12.4 cm.)	1		EA	\$352.92	42
5613505	HF90-S	28" H x 4-7/8" D x 4-7/8" L (71.1 cm. x 12.4 cm. x 12.4 cm.)	1		EA	\$363.66	42
5613507	HF95	28" H x 4-7/8" D x 4-7/8" L (71.1 cm. x 12.4 cm. x 12.4 cm.)	1		EA	\$334.35	40
5613509	HF95-S	28" H x 4-7/8" D x 4-7/8" L (71.1 cm. x 12.4 cm. x 12.4 cm.)	1		EA	\$345.07	40
5613529	HF90-CL-RO	Contact Factory	1		EA	\$387.57	23
5613801	CARTPAK DP190	10" H x 5-1/2" D x 22" L (25.4 cm. x 14.0 cm. x 55.9 cm.)	1		EA	\$425.96	17
5613802	CARTPAK DP290	10" H x 10" D x 22" L (25.4 cm. x 25.4 cm. x 55.9 cm.)	1		EA	\$778.87	17
5613803	CARTPAK DP390	Contact Factory	1		EA	\$1,131.78	17
5613807	CARTPAK DF290-CL	10" H x 10" D x 22" L (25.4 cm. x 25.4 cm. x 55.9 cm.)	1		EA	\$1,189.97	17
5613811	CARTPAK SF165	10" H x 5-1/2" D x 22" L (25.4 cm. x 14.0 cm. x 55.9 cm.)	1		EA	\$297.14	23
5613814	CARTPAK DP260	10"H x 10"W x 22"L (25.4 cm x 25.4 cm x 55.9 cm.)	1		EA	\$570.69	17
5613818	CARTPAK DP295-CL	Contact Factory	1		EA	\$787.63	17
5615001	P195BN	28" H x 4-7/8" D x 4-7/8" L (71.1 cm. x 12.4 cm. x 12.4 cm.)	1		EA	\$311.46	41
5615013	PS195	Contact Factory	1		EA	\$224.30	41
5615101	HF20	15-1/4" H x 10-1/2" D x 23-1/4" L (38.7 cm. x 26.7 cm. x 59.1 cm.)	6		EA	\$92.55	43

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Part #	Model #	Shipping Dimensions	Cs	Qty	Pkg	List Price	Page
5615103	HF20-S	15-1/4" H x 10-1/2" D x 23-1/4" L (38.7 cm. x 26.7 cm. x 59.1 cm.)	6		EA	\$101.71	43
5615105	HF30	10-1/2" H x 10-1/2" D x 28-1/4" L (26.7 cm. x 26.7 cm. x 71.8 cm.)	4		EA	\$117.92	43
5615107	HF30-S	10-1/2" H x 10-1/2" D x 28-1/4" L (26.7 cm. x 26.7 cm. x 71.8 cm.)	4		EA	\$121.51	43
5615109	HF20-MS	15-1/4" H x 10-1/2" D x 23-1/4" L (38.7 cm. x 26.7 cm. x 59.1 cm.)	6		EA	\$104.97	43
5615111	HF30-MS	10-1/2" H x 10-1/2" D x 28-1/4" L (26.7 cm. x 26.7 cm. x 71.8 cm.)	4		EA	\$124.81	43
5615201	HF25	15-1/4" H x 10-1/2" D x 23-1/4" L (38.7 cm. x 26.7 cm. x 59.1 cm.)	6		EA	\$90.17	40
5615203	HF25-S	15-1/4" H x 10-1/2" D x 23-1/4" L (38.7 cm. x 26.7 cm. x 59.1 cm.)	6		EA	\$99.57	40
5615205	HF35	10-1/2" H x 10-1/2" D x 28-1/4" L (26.7 cm. x 26.7 cm. x 71.8 cm.)	4		EA	\$112.32	40
5615207	HF35-S	10-1/2" H x 10-1/2" D x 28-1/4" L (26.7 cm. x 26.7 cm. x 71.8 cm.)	4		EA	\$120.78	40
5615209	HF25-MS	15-1/4" H x 10-1/2" D x 23-1/4" L (38.7 cm. x 26.7 cm. x 59.1 cm.)	6		EA	\$102.82	40
5615211	HF35-MS	10-1/2" H x 10-1/2" D x 28-1/4" L (26.7 cm. x 26.7 cm. x 71.8 cm.)	4		EA	\$124.04	40
5615227	HF27	15-1/4" H x 10-1/2" D x 23-1/4" L (38.7 cm. x 26.7 cm. x 59.1 cm.)	6		EA	\$72.04	40
5615231	HF27-S	15-1/4" H x 10-1/2" D x 23-1/4" L (38.7 cm. x 26.7 cm. x 59.1 cm.)	6		EA	\$88.22	40
5615238	HF25-S-SR5	Contact Factory	6		EA	\$91.41	40
5615240	HF25-S-SR	Contact Factory	6		EA	\$91.41	40
5615601	P165BN	22" H x 4-7/8" D x 4-7/8" L (55.9 cm. x 12.4 cm. x 12.4 cm.)	1		EA	\$257.08	41
5616001	BREW120-MS	15-1/4" H x 10-1/2" D x 23-1/4" L (38.7 cm. x 26.7 cm. x 59.1 cm.)	6		EA	\$224.93	13,21
5616002	BREW125-MS	15-1/4" H x 10-1/2" D x 23-1/4" L (38.7 cm. x 26.7 cm. x 59.1 cm.)	6		EA	\$222.73	13,21
5616003	ICE120-S	15-1/4" H x 10-1/2" D x 23-1/4" L (38.7 cm. x 26.7 cm. x 59.1 cm.)	6		EA	\$306.79	11
5616004	ICE125-S	15-1/4" H x 10-1/2" D x 23-1/4" L (38.7 cm. x 26.7 cm. x 59.1 cm.)	6		EA	\$304.64	11
5616101	BEV130	10-1/2" H x 10-1/2" D x 28-1/4" L (26.7 cm. x 26.7 cm. x 71.8 cm.)	4		EA	\$323.01	15
5616102	BEV135	10-1/2" H x 10-1/2" D x 28-1/4" L (26.7 cm. x 26.7 cm. x 71.8 cm.)	4		EA	\$317.43	13,21

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5616103	BREW130-MS	10-1/2" H x 10-1/2" D x 28-1/4" L (26.7 cm. x 26.7 cm. x 71.8 cm.)	4		EA	\$245.77	13
5616104	BREW135-MS	10-1/2" H x 10-1/2" D x 28-1/4" L (26.7 cm. x 26.7 cm. x 71.8 cm.)	4		EA	\$244.99	13
5616201	BEV140	10-1/2" H x 5-1/2" D x 23-1/4" L (26.7 cm. x 14.0 cm. x 59.1 cm.)	2		EA	\$402.91	15
5616202	BEV145	10-1/2" H x 5-1/2" D x 23-1/4" L (26.7 cm. x 14.0 cm. x 59.1 cm.)	2		EA	\$393.23	15
5616203	ICE140-S	10-1/2" H x 5-1/2" D x 23-1/4" L (26.7 cm. x 14.0 cm. x 59.1 cm.)	2		EA	\$407.81	11
5616204	ICE145-S	10-1/2" H x 5-1/2" D x 23-1/4" L (26.7 cm. x 14.0 cm. x 59.1 cm.)	2		EA	\$398.14	11
5616301	BEV160	22" H x 4-7/8" D x 4-7/8" L (55.9 cm. x 12.4 cm. x 12.4 cm.)	1		EA	\$459.85	11
5616302	BEV165	22" H x 4-7/8" D x 4-7/8" L (55.9 cm. x 12.4 cm. x 12.4 cm.)	1		EA	\$448.12	15
5616303	ICE160-S	22" H x 4-7/8" D x 4-7/8" L (55.9 cm. x 12.4 cm. x 12.4 cm.)	1		EA	\$471.17	11
5616304	ICE165-S	22" H x 4-7/8" D x 4-7/8" L (55.9 cm. x 12.4 cm. x 12.4 cm.)	1		EA	\$459.45	11
5616401	BEV190	28" H x 4-7/8" D x 4-7/8" L (71.1 cm. x 12.4 cm. x 12.4 cm.)	1		EA	\$583.40	15
5616402	BEV195	28" H x 4-7/8" D x 4-7/8" L (71.1 cm. x 12.4 cm. x 12.4 cm.)	1		EA	\$563.91	15
5616403	ICE190-S	28" H x 4-7/8" D x 4-7/8" L (71.1 cm. x 12.4 cm. x 12.4 cm.)	1		EA	\$594.66	11
5616404	ICE195-S	28" H x 4-7/8" D x 4-7/8" L (71.1 cm. x 12.4 cm. x 12.4 cm.)	1		EA	\$575.17	11
5624204	DP295-CL	Contact Factory	1		EA	\$1,780.92	17
6216505	VH3 Flush Valve Kit	Contact Factory	1		EA	\$50.46	36
5617105	HF90-S-SR	28" H x 4-7/8" D x 4-7/8" L (71.1 cm. x 12.4 cm. x 12.4 cm.)	1		EA	\$414.81	42
5617107	HF90-S-SR5	28" H x 4-7/8" D x 4-7/8" L (71.1 cm. x 12.4 cm. x 12.4 cm.)	1		EA	\$414.81	42
5617601	SGP165BN-T	22" H x 4-7/8" D x 4-7/8" L (55.9 cm. x 12.4 cm. x 12.4 cm.)	1		EA	\$393.40	19
5617602	SGP195BN-T	28" H x 4-7/8" D x 4-7/8" L (71.1 cm. x 12.4 cm. x 12.4 cm.)	1		EA	\$450.48	19
5617603	SGP124BN-T	10-1/2" H x 10-1/2" D x 28-1/4" L (26.7 cm. x 26.7 cm. x 71.8 cm.)	4		EA	\$299.46	19
5617609	ESP114-T	15-1/4" H x 10-1/2" D x 15-3/4" L (38.7 cm. x 26.7 cm. x 40.0 cm.)	6		EA	\$203.23	19
5617610	ESP124-T	10-1/2" H x 10-1/2" D x 28-1/4" L (26.7 cm. x 26.7 cm. x 71.8 cm.)	4		EA	\$215.98	19

Master Product List by Part Number

Part #	Model #	Shipping Dimensions	Cs	Qty	Pkg	List Price	Page
5618907	CFS210-2	14" H x 14" W x 21" L (35.6 cm. x 35.6 cm. x 53.3 cm.)	4		EA	\$98.79	47
5618924	CFS810	Contact Factory	8		EA	\$55.97	47
5621201	CFS110-C20 20" cartridge	9" H x 14" W x 21" L (22.9 cm. x 35.6 cm. x 53.3 cm.)	15		EA	\$36.10	47
5621205	CFS124	11" H x 12" W x 17" L (27.9 cm. x 30.5 cm. x 43.2 cm.)	24		EA	\$25.43	46
5621206	CFS124-C20	9"H x 14" W x 21" L (22.9 cm. x 35.6 cm. x 53.3 cm.)	15		EA	\$35.87	46
5623601	DF290-CL	Contact Factory	1		EA	\$2,078.42	17
5623901	TFS450 System	Contact Factory	1		EA.	\$3,302.58	13
5623902	TFS450 System with bypass plug in post filter, excludes Prefilter	Contact Factory	1		EA.	\$2,646.95	13
5624102	DP390	Contact Factory	1		EA	\$2,484.31	17
5624201	DP290	Contact Factory	1		EA	\$1,778.12	17
5624301	DP190	Contact Factory	1		EA	\$1,189.78	17
5624503	ICE260-S	27"H x 13.5"D x 10.5"L (68.58 cm. x 34.5 cm x 26.67 cm)	1		EA	\$1,332.91	11
5624504	ICE265-S	27"H x 13.5"D x 10.5"L (68.58 cm. x 34.5 cm x 26.67 cm)	1		EA	\$1,309.42	11
5624601	SF165	Contact Factory	1		EA	\$990.96	23
5624801	TFS450 Cartpak includes ctgs and (2) Modules	Contact Factory	1		EA.	\$1,525.20	13
5624802	TFS450 Module Cartpak includes (2) Modules	Contact Factory	1		EA	\$861.07	13
5625802	HF195-CL	Contact Factory	1		EA	\$460.39	15
5625901	HF60-CL	Contact Factory	1		EA	\$252.53	42
5625902	HF60-CLS	Contact Factory	1		EA	\$261.46	42
5626001	HF160-CL	Contact Factory	1		EA	\$349.23	15
5626002	HF160-CLS	Contact Factory	1		EA	\$358.61	13
5626903	HFRO 500	Contact Factory	1		EA	\$894.00	23
5627201	DWS160-L	Contact Factory	1		EA	\$493.16	15
5627302	HF95-CL	Contact Factory	1		EA	\$358.36	40
5627501	HF295-CL	Contact Factory	1		EA	\$1,493.82	15
5629101	ScaleGard™ HP Reverse Osmosis System	Contact Factory	1		EA	\$5,990.00	23
60-235280	Part-HF Ball Valve	Contact Factory	12		EA	Call for Price	38
6213001	VH3- NPT heads (3/8" NPT)	Contact Factory	12		EA	\$205.09	36
6213003	VH3- NPT heads (3/8" NPT)	Contact Factory	12		EA	\$109.28	36
6213009	3/8" VH3-NPT	Contact Factory	12		EA	\$88.07	36
6213036	VH3-NPT heads (3/8" NPT)	Contact Factory	12		EA	\$110.00	36
6213801	BREW105-MS	20-3/8" H x 10-1/2 D x 15-3/4" L (51.8 cm. x 26.7 cm. x 40.0 cm.)	8		EA	\$178.44	*
6213803	BREW110-MS	20-3/8" H x 10-1/2 D x 15-3/4" L (51.8 cm. x 26.7 cm. x 40.0 cm.)	8		EA	\$203.99	13
6213807	BREW115-MS	20-3/8" H x 10-1/2 D x 15-3/4" L (51.8 cm. x 26.7 cm. x 40.0 cm.)	8		EA	\$196.45	13

Master Product List by Part Number

Part #	Model #	Shipping Dimensions	Cs	Qty	Pkg	List Price	Page
6214413	1/2" NH3-NPT head w/ gauge	Contact Factory	12		EA	\$178.26	36
6214415	NH3-1/2 "NPT head - no gauge port (flat head)	Contact Factory	12		EA	\$76.54	36
6214417	1/2" NH3-NPT head with plugged gauge port	Contact Factory	12		EA	\$82.47	36
6216501	NH3-1/2" NPT Shut-off Ball Valve Kit	Contact Factory	12		EA	\$26.83	38
6216503	NH3 Flush Valve Kit	Contact Factory	1		EA	\$54.25	37
6228401	DF2 Manifold Assy. (DF2XX)	Contact Factory	1		EA	\$945.08	37
6228403	Dual Port Triple Manifold Assy.(DP3XX)	Contact Factory	1		EA	\$1,161.19	36
6228405	Triple Manifold Assy.	Contact Factory	1		EA	\$965.19	36
6228501	DF1 Manifold Assy.(DF1XX)	Contact Factory	1		EA	\$772.50	36
6228503	Dual Port Twin Manifold Assy. (DP2XX)	Contact Factory	1		EA	\$935.73	36
6228505	Twin Manifold	Contact Factory	1		EA	\$727.15	36
6228601	SF165 Manifold Assy. (SF1XX)	Contact Factory	1		EA	\$693.83	36
6228603	Dual Port Single Manifold Assy.(DP1XX).	Contact Factory	1		EA	\$701.07	36
6233901	TFS450 Pumping Module	Contact Factory	1		EA	\$1,520.62	*
6235201	SH-EXP	Contact Factory	1		EA	\$234.65	37
6239301	ScaleGard™ HP Reverse Osmosis System (110 V)	Contact Factory	1		EA	Call for Price	23
6239302	ScaleGard™ HP Reverse Osmosis System (220 V)	Contact Factory	1		EA	Call for Price	23
63597320	Part-HF O-ring	Contact Factory	1		EA	Call for Price	38
6890033	Wrench for 20" 4.5 Diameter Housing	1" H x 4" W x 10" L (2.5 cm. x 10.2 cm. x 25.4 cm.)	1		EA	Call for Price	*
6890131	CFS22MB Mounting Bracket	Contact Factory	1		EA	Call for Price	*
6899831	COUPLER	Contact Factory	1		EA	\$2.09	47
36-331501	SF18-BRKT	Contact Factory	1		EA	\$27.38	29
45-601	CFSRO WRENCH	1" H x 4" W x 10" L (2.5 cm. x 10.2 cm. x 25.4 cm.)	1		EA	Call for Price	*
50-91301	TFS450 Install Kit	Contact Factory	1		EA	\$208.09	13
6216503	NH3 Flush Valve Kit	Contact Factory	1		EA	\$54.25	37
8500555	Pressure Gauge 1/4" NPT	Contact Factory	1		EA	\$95.79	38
8500556	Pressure Gauge 1/8" NPT	Contact Factory	1		EA	\$95.79	38
85-8526	Part-HF Double Ended Connector w/ Gauge	Contact Factory	1		EA	Call for Price	38
85-8522	Part-HF Male NPT Adapter	Contact Factory	1		EA	Call for Price	38
85-8525	Part-HF Double Ended Connector	Contact Factory	1		EA	Call for Price	38
85-8527	Part-HF Plug	Contact Factory	1		EA	Call for Price	38
89-3430019	APMP200 Chemical Feed Pump	Contact Factory	1		EA	Call for Price	33
A-050P	A MEDIA 1 CUBIC FT for BWF softeners	20" H x 13" D (50.8 cm. x 33 cm.)	1		EA	Call for Price	31
APMP100	APMP100 Metering Pump	9" H x 10" W x 11" L (22.9 cm. x 25.4 cm. x 27.9 cm.)	1		EA	Call for Price	33
APSLTANK	APSL TANK ST15 15 Gallon Solution Tank	15" H x 15" W x 26" L (38.1 cm. x 38.1 cm. x 66.0 cm.)	1		EA	Call for Price	33
BEV150	BEV150 RO System	15" H x 15" W x 19" L (38.1 cm. x 38.1 cm. x 48.3 cm.)	1		EA	\$2,843.65	*
C-050P	C MEDIA .5 CUBIC FT	10" H x 13" D (25.4 cm. x 33 cm.)	1		EA	Call for Price	*
C-10P	C MEDIA 1 CUBIC FT	20" H x 13" D (50.8 cm. x 33 cm.)	1		EA	Call for Price	*
CFSM1254	CFSM1254	Unit 67" H x 13.5" W x 13.5" L (170.2 cm. x 34.3 cm. x 34.3 cm.) Tank 40" H x 15.5" D x 15.5" L (101.6 cm. x 39.4 cm. x 39.4 cm.)	1		EA	\$2,467.89	35
FCCBB20S	CFSCB05S-C20	Contact Factory	12		EA	\$64.35	47

Master Product List by Part Number

Part #	Model #	Shipping Dimensions	Cs	Qty	Pkg	List Price	Page
FSCTOB10N	CFS186-A	Contact Factory	6		EA	\$42.14	46
FSCWS034ME-CAB	FSCWS034ME-CAB	Contact Factory	1		EA	\$1,902.90	29
HWS050	HWS050	Unit 27" H x 10" W x 10" L (68.6 cm. x 25.4 cm. x 25.4 cm.) Tank 25" H x 18" W x 18" L (63.5 cm. x 45.7 cm. x 45.7 cm.)	1		EA	\$2,631.97	27
HWS100	HWS100	Unit 32" H x 10" W x 10" L (81.3 cm. x 25.4 cm. x 25.4 cm.) Tank 25" H x 18" W x 18" L (63.5 cm. x 45.7 cm. x 45.7 cm.)	1		EA	\$2,990.17	27
IX2412	MINERAL CLEANER & RUST REDUCER	8.8" H x 9.5" W x 8.8" L (22.4 cm. x 24.1 cm. x 22.4 cm.)	12		CS	Call for Price	*
ML-050P	ML MEDIA.5 CUBIC FT	13" H x 11.5" D (33 cm. x 29.2 cm.)	1		EA	Call for Price	31
N-050P	N MEDIA.5 CUBIC FT	13" H x 11.5" D (33 cm. x 29.2 cm.)	1		EA	Call for Price	31
PHPLUS	PH PLUS	7.5" H x 15" W x 7.2" L (19.1 cm. x 38.1 cm. x 18.3 cm.)	6		CS	Call for Price	*
STM150	STM150	10" H x 15" W x 19" L (25.4 cm. x 38.1 cm. x 48.3 cm.)	1		EA	\$2,607.08	*
SWC-1X24	SWC-1X24 threaded hose connector	Contact Factory	1		EA	\$99.19	31
TSR150-4	TSR150	10" H x 15" W x 19" L (25.4 cm. x 38.1 cm. x 48.3 cm.)	1		EA	\$2,607.08	*

Sales Policy

Sales Policy subject to change without notice.

Freight Policy

3M Purification Inc.'s delivery terms are ExWorks 3M Purification Inc.'s plant. Unless otherwise instructed, shipments will be made via ground service, with transportation charges prepaid by 3M Purification Inc. and added to Buyer's invoice.

Transportation charges for air freight shipments are the responsibility of the Buyer.

Orders for filtration products, foodservice water treatment products, replacement parts, and/or media, listed in this price book, may qualify for free freight allowed (FFA) under the following conditions:

1. Only orders with a Net Order Value of \$5,000 or more qualify for FFA.
 - a. Each individual order is evaluated on its' own merit
2. All product orders must be in case lot quantities.
3. Order must ship to a single address, with a single requested ship date.
4. Orders for any products not listed in this price list (Ex. UV Pure® branded products, Foodservice/Residential/Commercial/Industrial water treatment products and Water treatment media) are excluded from net order values when determining FFA.
 - a. Water treatment media: Orders of less than \$5,000 do not qualify for FFA. In FFA qualifying orders that contain backwashing filter systems, the media required to load those systems will be included under FFA.

Minimum Order Policy

All orders must be in case lots.

Expedited Order Request Policy

An expedited order is defined as any order that is requested to ship the same day or the next business day that the order is received by 3M Purification Inc. Customer Service.

All expedited order requests are subject to item availability in the 3M Purification Inc. Finished Goods warehouse.

All expedited order requests should be clearly marked as such, including the requested ship date and desired transportation method, i.e. Next day, 2nd Day, 3rd Day. Ground service is not an available option on any expedited order.

Transportation charges for ALL expedited order shipments are the responsibility of the Buyer.

Expedited order requests MUST be received by 3M Purification Inc. Customer Service no later than 1:00 PM Eastern Time in order to be considered for Same Day or Next Business Day shipping.

Order Revision Policy

An order revision request is defined as any product or quantity of

product being added to or deleted from the original order received by 3M Purification Inc. Customer Service.

All order revision requests must be received by 3M Purification Inc. Customer Service within 24 hours of receipt of the original order by 3M Purification Inc. Customer Service. 3M Purification Inc.'s ability to accommodate the order revision request is subject to the current status of the original order. If 3M Purification Inc. is unable to accommodate the revision request, the revision request will be treated as an entirely new order subject to all 3M Purification Inc. standard order policies.

All order revision requests should be clearly marked or identified as such in communication.

New/Unused Product Return Policy

Returned goods must be currently offered product, less than six months from original sale date, in full case quantity, new and unused, in original unopened, undamaged shipping packaging, free from the Buyer's price markings and company labeling. A 25% restocking fee will be applied. Returns will be inspected and, if valid, credited at original net invoice price less restock fee. If original net invoice price cannot be verified, credit will be issued at current net price less 10% and restock fee.

Minimum value for any return goods request is \$125.

No product may be returned without 3M Purification Inc.'s prior written approval on a standard 3M Purification Inc. Return Goods Authorization (RGA) document. All requests to return goods must include:

1. Original customer PO number, 3M Purification Inc. Sales Order Number, or 3M Purification Inc. Invoice number in order to verify purchase date and price
2. Serial numbers for serialized products or date code for date coded products
3. Part number and quantity to be returned
4. Reason for return

Upon approval by 3M Purification Inc., an RGA number will be issued by 3M Purification Inc. Customer Service. The RGA number must be clearly marked on all cartons/packages returned, and a copy of the RGA document must be included with the shipment. Transportation charges for product returned to 3M Purification Inc. are to be prepaid by the Buyer.

Product returned without an RGA will not be credited. In this case, the Buyer must request an RGA for these products through the 3M Purification Inc. Regional Sales Manager or Manufacturer's Sales Representative, or at the Buyer's request, the product can be returned to the Buyer freight collect.

Terms and Conditions

Product Return Policy

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Product returned without an RGA will not be credited. In this case, the Buyer must request an RGA for these products through 3M Purification Inc. or Manufacturer's Sales Representative, or at the Buyer's request, the product can be returned to the Buyer freight collect.

Shipping Damage Claims Policy

3M Purification Inc.'s delivery terms are ExWorks 3M Purification Inc.'s plant. Delivery to a common carrier shall constitute delivery to the Buyer and all risk of loss or damage in transit shall be borne by the Buyer. All shipping damage claims, whether damage is concealed or not, are the responsibility of the Buyer. Any carton damage or shortages should be noted on the bill of lading at the time of receipt. If concealed damage or loss is noted after carrier departure, the Buyer should contact carrier immediately.

These Terms and Conditions shall govern each product sales transaction between 3M Purification Inc. and its affiliates ("3M PI") and Buyer. Any inconsistent terms of Buyer, wherever set forth and whether oral or written, shall not be binding upon 3M PI unless agreed to by 3M PI in writing. No waiver of these Terms and Conditions or any special terms relating to this order shall be binding upon 3M PI unless agreed to in writing by 3M PI.

1. **QUOTATIONS.** Quotations submitted by 3M PI are good for acceptance only within thirty (30) days from date of quotation unless otherwise specified. Prices quoted do not include any sales, use, excise, value added, or other similar tax. Delivery lead times contained within quotations shall be effective from the date of receipt by 3M PI of all necessary engineering and manufacturing information including approved drawings if requested by Buyer.

2. **ACCEPTANCE.** All orders are subject to 3M PI's approval and acceptance. A written acknowledgment sent to Buyer of orders so approved shall constitute 3M PI's acceptance. 3M PI may at any time alter or suspend credit, refuse shipment, or cancel unfulfilled orders when, in 3M PI's opinion, the financial conditions of Buyer or the status of Buyer's account warrants it, or when delivery is delayed by fault of Buyer or Buyer's delinquency in payment. No order accepted by 3M PI will be subject to cancellation, termination, suspension, change, reduction, cutback or any modifications by Buyer except with 3M PI's prior written consent, which may be subject to fees as 3M PI determines.

3. **CANCELLATION.** Orders may be canceled or deliveries deferred by Buyer only upon the condition that the Buyer assumes immediate liability for and makes prompt payment to 3M PI of all expenses incurred, charges for commitments made by 3M PI, profit on work in process, and contract value of items completed and ready for shipment.

4. **DELIVERY.** 3M PI's delivery terms are ExWorks 3M PI's plant. Shipment schedules are approximate only and are as accurate as present conditions permit. 3M PI assumes no responsibility or liability for failure or delay in making delivery or otherwise performing hereunder when such failure or delay is due to any cause beyond its control and without its fault or negligence. If for any reason 3M PI's supply of items ordered hereunder is caused to be limited, 3M PI shall have the right to prorate the supply in such manner as 3M PI in its discretion shall determine. Delivery to a common carrier shall constitute delivery to Buyer and all risk of loss or damage in transit shall be borne by Buyer. If because of Buyer's inability to take delivery, the materials or equipment are not shipped, 3M PI may have them stored for Buyer at Buyer's expense, risk and account, and for all other purposes they shall be considered "shipped." 3M PI may make partial deliveries which Buyer shall accept and pay for at the prices quoted by 3M PI in writing. If any part of the order is not delivered by 3M PI or is not in accordance with the order, the remainder of the order and Buyer's obligation thereunder shall not be affected.

5. **PACKAGING.** All items sold hereunder shall be packed or crated and shipped in accordance with 3M PI's best judgment. Any special packing, crating, or shipping instructions of Buyer must be noted on Buyer's original order and acknowledged by 3M PI.

6. **INSPECTION.** Buyer shall inspect all items upon arrival and give written notice to 3M PI within ten (10) days of arrival of any claim for shortage or nonconformance with these terms. Failure to give such notice, BUYER waives all claims for such shortage or nonconformance,

and Buyer shall be bound to accept and pay for all items in accordance with these terms.

7. **RETURNS.** No product may be returned without 3M PI's prior written approval. Transportation charges are to be prepaid by Buyer. When expressly authorized by 3M PI in writing, unused non-defective products in unopened packaging may be returned to 3M PI subject to a service handling and restocking charge.

8. **PAYMENT TERMS.** Payment terms shall be net thirty (30) days from date of invoice, unless otherwise expressly agreed in writing by 3M PI. Late charges of the lesser of one and one-half percent (1 ½%) per month or the maximum amount allowed by law will be assessed on invoices after the due date.

9. **CREDITS.** If any credit amount is not used, 3M PI reserves the right to offset it against the oldest outstanding items on the account. Credits are subject to unclaimed property laws. After 3M PI applies the credit to your oldest outstanding items, if a credit balance remains on your account, the credit will be reported and paid to your state, as required by the laws of your state, and will no longer be available for use on your 3M PI account.

10. **TAXES.** Buyer shall pay all sales, use, excise, value added or other similar taxes that may be levied, assessed or otherwise become due on account of items to be delivered hereunder, unless proof of exemption is furnished to 3M PI.

11. **REPAIRS, ALTERATIONS AND MODIFICATIONS.** If Buyer requests that 3M PI repair any 3M PI product not covered by the warranty provided in Section 12 below,

such repair charges shall be at the Buyer's expense unless specifically authorized in writing by 3M PI. Any alterations or modifications to the 3M PI product by Buyer or

Buyer's agents are not permitted without specific authorization in writing by 3M PI and will void the warranty and render the products non-returnable by Buyer.

12. **WARRANTY.** 3M PI warrants that 3M PI products will conform to those written specifications set forth in 3M PI's product literature and/or on 3M PI packaging and labeling materials for such products for the time period specified in such literature and materials; provided, however, that products are used in accordance with written instructions furnished by 3M PI. 3M PI shall have no obligation under this warranty with respect to 3M PI products that have been incorrectly installed, improperly maintained, or modified or damaged through misuse, abuse, accident, neglect, or mishandling by Buyer or third parties. 3M PI's sole liability and Buyer's sole remedy under this warranty shall be, at 3M PI's sole option, for 3M PI to either repair or replace any product which, having been returned to the factory, transportation charges prepaid, has been inspected and determined by 3M PI to be defective, or to refund the purchase price paid by Buyer for such defective product. All warranty claims must.

THE ABOVE WARRANTY IS IN LIEU OF ANY OTHER WARRANTY, AND ALL OTHER WARRANTIES ARE HEREBY DISCLAIMED, WHETHER EXPRESSED OR IMPLIED, INCLUDING BUT NOT LIMITED TO ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, OR ANY IMPLIED WARRANTY ARISING FROM A COURSE OF DEALING OR PERFORMANCE OR USAGE OF TRADE.

13. **LIMITATION OF LIABILITY.** Under no circumstances shall 3M PI be liable to Buyer or any third party for any indirect, special, incidental or consequential damages, including but not limited to loss of profits, business, or revenue, arising out of or as a result of 3M PI's provision

of products hereunder, including but not limited to product defects or product failure, even if 3M PI has been advised of the possibility of such damages. 3M PI's liability for direct damages will in no event exceed the price paid by the Buyer for the 3M PI product(s) giving rise to Buyer's claim for damages.

14. **TRADEMARKS.** Buyer acknowledges and agrees that "CUNO" and "3M" and any other trademarks of 3M Company ("3M Marks") and associated goodwill are 3M's exclusive property. By selling products to Buyer, 3M PI and 3M do not grant Buyer any right to use 3M Marks in connection with the resale of the products unless expressly permitted in writing by 3M. Buyer will not, at any time, contest the validity of any 3M Mark, claim any rights in any 3M Mark or do anything which, in 3M's opinion, might disparage, confuse or lessen the significance of any 3M Mark.

15. **BUYER WARRANTIES.** If Buyer makes any express or implied warranties regarding 3M PI products (or regarding Buyer products into which 3M PI products are incorporated) that differ from the warranties offered by 3M PI as set forth in Section 12 above, Buyer shall assume full responsibility for and indemnify, defend, and hold harmless 3M PI, and 3M PI's affiliates, successors, assigns, officers, directors, employees and agents from any liability, loss, damage, claim, lien, judgment, and cost, including but not limited to reasonable attorneys' fees and other litigation expenses, related to any such warranties and/or remedies offered by Buyer.

16. **INDEMNIFICATION.** Buyer indemnifies 3M PI, its affiliates, and their employees and agents (the "Indemnified Parties") for, and will defend them against, any claim, personal injury, sickness, death, liability, loss, damage, lien, judgment, and cost, including reasonable attorneys' fees and other litigation expenses (collectively referred to as "Loss") in any way related to (a) any alleged express or implied warranty by Buyer or any party to whom Buyer sells, gives or otherwise transfers Products or a product of Buyer's into which Products are incorporated that differs from 3M PI's published warranties and (b) any claim related to the use, packaging, labeling, handling, testing, marketing or sale of Products or a product of Buyer's into which Products are incorporated, except where Products are shown not to meet the then-current published specification.

17. **GENERAL.** (a) Buyer will not sell, or knowingly allow a customer to transfer, any items furnished hereunder outside the 48 contiguous United States unless (i) Buyer first notifies 3M PI in writing of the intention to so export, (ii) Buyer receives prior written approval from the authorized representative of 3M PI's International Business Development unit, and (iii) all applicable export regulations are complied with by Buyer and its customer and all applicable licenses are obtained. Buyer will offer nothing of value to any government official on behalf of 3M PI. (b) 3M PI is not responsible for typographical errors made in any of its publications or for clerical errors made in preparation of quotations, sales orders, or acknowledgments. All such errors are subject to correction by 3M PI. (c) These Terms and Conditions shall be governed by the laws of the State of Connecticut, USA without regard to Connecticut's conflicts of law provisions. Buyer submits to the exclusive personal and subject matter jurisdiction of the Connecticut courts to resolve any disputes arising hereunder. (d) These Terms and Conditions, along with 3M PI's quotation or proposal, contain the parties' entire understanding on this subject, superseding any prior written or oral agreements, statements, communications or understandings between the parties relating to this subject matter, except that any confidential nondisclosure agreement that has been executed by and between the parties shall remain in effect in accordance with its terms.

NOTES

NOTES



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